Dodatak Sertifikatu o akreditaciji - identifikacioni broj: ATCG 0151
Annex to Accreditation Certificate - Identification Number: ATCG 0151

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Dodatak Sertifikatu o akreditaciji sa akreditacionim brojem Li 08.03
Annex to the Accreditation Certificate with Accreditation Number Li 08.03

Standard: MEST EN ISO/IEC 17025:2018

Datum dodjele / obnavljanja akreditacije:
Date of granting / renewal of accreditation:
10.04.2008. / 04.09.2024.

Akreditacija važi do: 03.09.2028.
Accreditation is valid until: 03.09.2028.

Akreditovana laboratorija za ispitivanje
Accredited testing laboratory

Centar za ekotoksikološka ispitivanja DOO Podgorica
Sektor za laboratorijsku dijagnostiku i zaštitu od zračenja
Bulevar Šarla de Gola br. 2, Podgorica

Područje akreditacije / *Scope of accreditation*

Fizičko-hemijska ispitivanja: Voda za piće i led, Površinske i podzemne vode, Otpadne vode, Morska voda, Ribe, rakovi i proizvodi od riba, Mlijeko i mliječni proizvodi, Med, Žita i mlinski proizvodi, Proizvodi od voća i povrća, Kakao proizvodi, proizvodi slični čokoladi, bombonski proizvodi, krem proizvodi, keks i proizvodi srodni keksu, Meso i mesni proizvodi, Hrana za životinje, Hrana biljnog i životinjskog porijekla, Povrće i voće, Biološki materijal (urin, serum, plazma), Alkoholna pića, pivo i vino, Sokovi, sirupi i osvježavajuća bezalkoholna pića, Maslinovo ulje, Ulja i masti biljnog i životinjskog porijekla, Vazduh - kvalitet vazduha ambijenta, Vazduh - emisije iz stacionarnih izvora, Sediment i zemljište, Otpad, Transformatorska ulja; **Ispitivanja radioaktivnosti**: Voda, Vazduh, Zemljište, Hrana, Građevinski materijal, Ispitivanje nivoa spoljašnjeg zračenja, Ispitivanje izvora jonizujuceg zračenja; **Akustička ispitivanja**: Buka, **Uzorkovanje**: Voda za piće, površinske, podzemne, morske i otpadne vode, Zemljište i sedimenat

***Physical-chemical testing**: Drinking water and ice, Surface and underground water, Waste water, Sea water, Fish, crabs and fish products, Milk and dairy products, Honey, Cereals and milled products, Fruit and vegetable products, Cocoa products, chocolate like products, confectionery, cream products, biscuits and similar products, Meat and meat products, Feed, Food of plant and animal origin, Vegetables and fruits, Biological material (urine, serum, plasma), Alcoholic beverages, beer and wine, Juices, syrups and non-alcoholic beverages, Olive oil, Oil and fats of vegetable and animal origin, Air - ambient air quality, Air - stationary source emissions, Sediment and soil, Waste, Transformer oil, **Radioactivity testing**: Water, Air, Soil, Food, Building material, Measurement of external radiation levels, Measurement of ionizing radiation sources, **Acoustic testing**: Noise, **Sampling**: Drinking water, surface, underground, sea and waste water, Soil and sediment*

Detaljan obim akreditacije / *Detailed scope of accreditation*

Laboratorija Sektora za laboratorijsku dijagnostiku i zaštitu od zračenja, Bulevar Šarla de Gola 2, Podgorica

* Metoda ispitivanja se sprovodi na terenu
** Metoda ispitivanja se sprovodi u Laboratoriji i na terenu

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
1.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje mutnoće** *Determination of turbidity*	L.D.: 0,1 NTU	**Voda za piće - standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 118 (SMVP-118)** Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 118 (SMVP-118)	L1
2.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	***Određivanje temperature** **Determination of temperature*	Opseg *Range* (-30-100)^{0}C	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					zaštitu, strana 116 (SMVP-116) Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 116 (SMVP-116)	
3.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	****Određivanje pH** ***Determination of pH*	Opseg *Range* 1–14	**MEST EN ISO 10523:2013**	L1
4.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	****Određivanje električne provodljivosti** ***Determination of electrical conductivity*	L.D.: 0,1 µS/cm	**MEST EN 27888:2009**	L1
5.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje karbonatnog alkaliteta volumetrijski** *Determination of alkalinity by volumetric titration*	L.D.: 0,01 mg $CaCO_3$/l	**MEST EN ISO 9963-2:2009**	L1
6.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje ukupne tvrdoće volumetrijski** *Determination of total hardness by volumetric titration*	L.D.: 0,1° dH	**Standard Methods for examination of Water and Wastewater-19th Edition**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 2340 (SMEW2340)	
7.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje isparnog ostatka** *Determination of dry residue*	L.D.: 5 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 129 (SMVP-111)** *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 129 (SMVP-111)*	L1
8.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje nitrita spektrofotometrijski** *Spectrophotometric determination of nitrite*	L.D.: 0,001 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					S. Clasceri and Arnold E. Greenberg, 4500-NO_2B, Colorimetric method (SMEW4500-NO2B)	
9.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje nitrata spektrofotometrijski** *Spectrophotometric determination of nitrate*	L.D.: 0,04 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500NO_3B (SMEW4500-NO3B)**	L1
10.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje amonijaka spektrofotometrijski** *Spectrophotometric determination of ammonia*	L.D.: 0,02 mg/l	**Voda za piće-standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 179 (SMVP-179)** Drinking water Standard methods for hygienic testing, Belgrade 1990,	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					the Federal Bureau for health protection, page 179 (SMVP-179)	
11.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fenola spektrofotometrijski** *Spectrophotometric determination of phenols*	L.D.: 0,0005 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 299 (SMVP-299)** *Drinking water Standard methods for hygienic testing, Belgrade 1990,*the Federal Bureau for health protection, page 299 (SMVP-299)	L1
12.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fluorida jonselektivnom elektrodom** *Determination of fluorides (ISE method)*	L.D.: 0,02 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, jon selektivna**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					elektroda, str. 326 (SMVP-326) *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, ion selective electrodes, page 326 (SMVP-326)*	
13.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fluorida, hlorida, nitrata, nitrita, fosfata i sulfata primjenom jonske hromatografije** *Determination of fluorides, chlorides, nitrates, nutrites, phosphates and sulphates by ion chromatography*	L.D.(F^-): 0,05 mg/l L.D. (Cl^-): 1 mg/l L.D (NO_2^-): 0,01 mg/l L.D. (NO_3^-): 1 mg/l L.D. (PO_4^{3-}): 0,01 mg/l L.D. (SO_4^{2-}): 1 mg/l	**MEST EN ISO 10304-1:2012**	L1
14.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fosfata spektrofotometrijski** *Spectrophotometric determination of phosphate*	L.D.: 0,01 mg/l P	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500-P D**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					(SMEW4500P D)	
15.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom plamene atomske apsorpcione spektrometrije (FAAS)** *Determination of elements by flame atomic absorption spectrophotometry (FAAS)*	L.D.(K): 0,1 mg/l L.D. (Na): 0,1 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 3500B (SMEW3500B)**	L1
16.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** *Determination of elements by inductively coupled plasma- optical emission spectrometry (ICP-OES)*	L.D.(B): (0,005-2) mg/l L.D.(Ca): (0,5-100) mg/l L.D.(Mg): (0,5-100) mg/l L.D.(Na): (0,001-50) mg/l L.D.(K): (0,001-50)mg/l	**EPA 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Spectrometry**	L1
17.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom masene spektrometrije sa indukovano spregnutom plazmom (ICP-MS)**	L.D.(Ag): (0,2–200) µg/l L.D.(Al): (10–400) µg/l L.D.(As): (0,2–200) µg/l L.D.(Ba): (2–2000) µg/l	**MEST EN ISO 17294-2:2017**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			Determination of elements by mass spectrometry with inductively coupled plasma (ICP-MS)	L.D.(Be): (0,1–200) µg/l L.D.(Cd): (0,1–200) µg/l L.D.(Co): (0,1–200) µg/l L.D.(Cr): (0,1–200) µg/l L.D.(Cu): (1–200) µg/l L.D.(Fe): (25-1000) µg/l L.D.(Mn): (0,2–200) µg/l L.D.(Ni): (0,2–200) µg/l L.D.(Se): (0,5–20) µg/l L.D.(Sn): (0,1-200) µg/l L.D.(Sb): (0,1–200) µg/l L.D.(Pb): (0,2–200) µg/l L.D.(Zn):(5–1000) µg/l L.D.(Mo):(1–200) µg/l L.D.(V):V (0,1–200) µg/l		
18.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje žive živinim analizatorom** *Determination of mercury by mercury analyzer*	L.D.: 0,0001 mg/l	**Determination of Mercury in Hg Standard Solutions at the Lower Range Limit, Organic application note Leco AMA 254, Form No. 203-**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					823-111, Leco corporation, 2003. (AMA-111)	
19.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje silikata sa amonijum-molibdatom spektrofotometrijski** *Spectrophotometric determination of silicates using ammonia-molybdate*	L.D.: 0,01 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Savezni zavod za zdrastvenu zaštitu, Beograd 1990, 520. (SMVP-520)** Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 520 (SMVP-520)	L1
20.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje polihlorovanih bifenila (PCBs)** *Determination of polichlorinated biphenils (PCBs)*		**1. Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 6431 B**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					(SMWP-6431B) 2. Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 6431 C (SMWP-6431C)	
21.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje policikličnih aromatskih ugljovodonika** *Determination of polycyclic aromatic hydrocarbons*	L.D.: 0,00001 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 6440 C (SMWP-6440C)**	L1
22.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organohlornih pesticida** *Determination of organochlorine pesticides*	L.D.: 0,000005 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					S. Clasceri and Arnold E. Greenberg, 6630 C (SMWP-6630C)	
23.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organofosfornih pesticida** *Determination of organophosphorus pesticides*	L.D.: 0,00005 mg/l	**EPA Method 8141 A-Organophospho rus compounds by gas chromatography: capillary column technique**	L1
24.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja organokalajnih jedinjenja u vodi metodom GCMS** *Determination of organotin compounds in water by GCMS method*	L.D. 0,00005 mg/l	**ISO 17353:2004**	L1
25.	**Voda za piće i led** *Drinking water and ice*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje indeksa mineralnih ulja metodom GCMS** *Determination of hydrocarbon oil index ny GCMS method*	L.D.: 10 µg/l	**MEST EN ISO 9377-2:2014**	L1
26.	**Voda za piće i led** *Drinking water and ice*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje trihalometana u vodi Tehnika: GC-MS**	LOQ 5µg/l	EPA 5021A Volatile organic compounds in various sample matrices using	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			Determination of trihalomethanes in water Technique: GC-MS		equilibrium headspace analysis	
27.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje mutnoće** *Determination of turbidity*	L.D.: 0,1 NTU	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 118 (SMVP-118)** *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 118 (SMVP-118)*	L1
28.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	***Određivanje temperature** **Determination of Temperature*	Opseg/*Range*: (-30-100)^{0}C	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 116 (SMVP-116)** *Drinking water Standard*	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 116 (SMVP-116)	
29.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	****Određivanje pH** ***Determination of pH*	Opseg/*Range*: 0–14	**MEST EN ISO 10523:2013**	L1
30.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	****Određivanje električne provodljivosti** ***Determination of electrical conductivity*	L.D.: 0,1 µS/cm	**MEST EN 27888:2009**	L1
31.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje nitrita spektrofotometrijski** *Spectrophotometric determination of nitrite*	L.D.: 0,001 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500-NO_2^B, Colorimetric method (SMEW4500NO2B)**	L1
32.	**Površinske i podzemne vode**	**Fizičko-hemijska**	**Određivanje nitrata**	L.D.: 0,04 mg/l	**Standard Methods for**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	Surface and underground water	**ispitivanja** *Physical-chemical testing*	**spektrofotometrijski** *Spectrophotometric determination of nitrate*		**examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, $^{4500NO_3\text{-}B}$ (SMEW4500NO3B)**	
33.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fluorida, hlorida, nitrata, nitrita, fosfata i sulfata primjenom jonske hromatografije** *Determination of fluorides, chlorides, nitrates, nutrites, phosphates and sulphates by ion chromatography*	L.D.(F^-): 0,025 mg/l L.D. (Cl^-): 1 mg/l L.D (NO_2^-): 0,001 mg/l L.D. (NO_3^-): 1 mg/l L.D. (PO_4^{3-}): 0,005 mg/l L.D. (SO_4^{2-}): 1 mg/l	**MEST EN ISO 10304-1:2012**	L1
34.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje amonijaka spektrofotometrijski** *Spectrophotometric determination of ammonia*	L.D.: 0,02 mg/l	**Voda za piće-standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 179 (SMVP-179)** *Drinking water Standard methods for*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 179 (SMVP-179)	
35.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fluorida jonselektivnom elektrodom** *Determination of fluorides (ISE method)*	L.D.: 0,02 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, jon selektivna elektroda, str. 326 (SMVP-326)** *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, ion selective electrodes, page 326 (SMVP-326)*	L1
36.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical*	**Određivanje fosfata spektrofotometrijski** *Spectrophotometric*	L.D.: 0,01 mg/l P	**Standard Methods for examination of Water and Wastewater-**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
		testing	*determination of phosphate*		**19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500-P D (SMWP4500PD)**	
37.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom plamene atomske apsorpcione spektrometrije (FAAS)** *Determination of elements by flame atomic absorption spectrophotometry (FAAS)*	L.D.(K): 0,1 mg/l L.D. (Na): 0,1 mg/l	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 3500B (SMEW3500B)**	L1
38.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** *Determination of elements by inductively coupled plasma- optical emission spectrometry (ICP-OES)*	L.D.(B): (0,005-2) mg/l L.D.(Ca): (0,5-100) mg/l L.D.(Mg): (0,5-100) mg/l L.D.(Na): (0,001-50) mg/l L.D.(K): (0,001-50) mg/l	**EPA 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Spectrometry**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
39.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom masene spektrometrije sa indukovano spregnutom plazmom (ICP-MS)** *Determination of elements by mass spectrometry with inductively coupled plasma (ICP-MS)*	L.D.(Ag): (0,2–200) µg/l L.D.(Al): (10–400) µg/l L.D.(As): (0,2–200) µg/l L.D.(Ba): (2–2000) µg/l L.D.(Be): (0,1–200) µg/l L.D.(Cd): (0,1–200) µg/l L.D.(Co):(0,1–200) µg/l L.D.(Cr): (0,1–200) µg/l L.D.(Cu): (1–200) µg/l L.D.(Fe): (25-1000) µg/l L.D.(Mn): (0,2–200) µg/l L.D.(Ni): (0,2–200) µg/l L.D.(Se): (0,5–20) µg/l L.D.(Sn): (0,1-200) µg/l L.D.(Sb): (0,1–200) µg/l L.D.(Pb): (0,2–200) µg/l L.D.(Zn): (5–1000) µg/l L.D.(Mo): (1–200) µg/l L.D.(V): (0,1–200) µg/l	**MEST EN ISO 17294-2:2017**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
40.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje žive živinim analizatorom** *Determination of mercury by mercury analyzer*	L.D.: 0,0001 mg/l	**Determination of Mercury in Hg Standard Solutions at the Lower Range Limit, Organic application note Leco AMA 254, Form no. 203-823-111, Lecocorporation, 2003. (AMA-111)**	L1
41.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje silikata sa amonijum-molibdatom spektrofotometrijski** *Spectrophotometric determination of silicates using ammonia-molybdate*	L.D.: 0,01 mg/l	**Voda za piće-standardne metode za ispitivanje higijenske ispravnosti, Savezni zavod za zdrastvenu zaštitu, Beograd 1990, 520. (SMVP-520)** *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 520 (SMVP-520)*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
42.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja organokalajnih jedinjenja u vodi metodom GCMS** *Determination of organotin compounds in water by GCMS method*	L.D.: 0,00005 mg/l	**ISO 17353:2004**	L1
43.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje indeksa mineralnih ulja metodom GCMS** *Determination of hydrocarbon oil index ny GCMS method*	(0,01–1,0) mg/l	**MEST EN ISO 9377-2:2014**	L1
44.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje polihlorovanih bifenila PCB-s** *Determination of polichlorinated biphenils (PCBs)*	1. L.D: 0,000005 mg/l 2..L.D.: 0,000005 mg/l	**1. EPA Method 8080 A - Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography 2. EPA Method 8270 D - Semivolatile organic compounds by gas chromatography /mass spectrometry (GC/MS)**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
45.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje polikličnih aromatskih ugljovodonika** *Determination of polycyclic aromatic hydrocarbons*	L.D: 0,00001 mg/l	**EPA Method 8270 D - Semivolatile organic compounds by gas chromatography /mass spectrometry (GC/MS)**	L1
46.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organohlornih pesticida** *Determination of organochlorine pesticides*	L.D.: 0,000005 mg/l	**EPA Method 8080 A - Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography**	L1
47.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organofosfornih pesticida** *Determination of organophosphorus pesticides*	L.D.: 0,00005 mg/l	**EPA Method 8141 A - Organophospho rus compounds by gas chromatography : capillary column technique**	L1
48.	**Površinske i podzemne vode** *Surface and underground water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje volatilnih aromatičnih komponenti** *Determination of volatile aromatic compounds*	L.D.: 0,01 mg/l	**EPA Method 5021 A - Volatile organic compounds in various sample matrices using equilibrium headspace**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					analysis	
49.	**Površinska i podzemna** *Surface ande underground water*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja hlorfenola u površinskim i podzemnim vodama gasnom hromatografijom** *Determination of chlorophenol content in surface and underground waters by gas chromatography*	LOQ 0,12µg/l	**MEST EN 12673:2009**	L1
50.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	***Određivanje temperature** **Determination of Temperature*	Opseg /*Range*: (-30-100) ^{o}C	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 116 (SMVP-116)** Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 111 (SMVP-116)	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
51.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	****Određivanje pH** ***Determination of pH*	Opseg/*Range*: 0–14	**MEST EN ISO 10523:2013**	L1
52.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	****Određivanje električne provodljivosti** ***Determination of electrical conductivity*	L.D.: 0,1 µS/cm	**MEST EN 27888:2009**	L1
53.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje alkaliteta volumetrijski** *Determination of alkalinity by volumetric titration*	L.D.: 5 mg $CaCO_3$/l ili/*or* 1 ml 0,1 N HCl/l	**MEST EN ISO 9963-2:2009**	L1
54.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje nitrita spektrofotometrijski** *Spectrophotometric determination of nitrite*	L.D.: 0,001 mg/l	**Standard Methods for examination of Water and Wastewater- 19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500-NO_2^B, Colorimetric method (SMEW4500NO2B)**	L1
55.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-*	**Određivanje nitrata spektrofotometrijski**	L.D.: 0,04 mg/l	**Standard Methods for examination of Water and**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
		chemical testing	*Spectrophotometric determination of nitrate*		**Wastewater- 19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500NO3-B (SMEW4500NO3B)**	
56.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje amonijaka spektrofotometrijski** *Spectrophotometric determination of ammonia*	L.D.: 0,02 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 179 (SMVP-179)** *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 179 (SMVP-179)*	L1
57.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje azota po Kjeldahl-u** *Determination of Kjeldahl nitrogen*	L.D.: 3 mg/l	**Handbook for Kjeldahl digestion – a recent review of the classical method with**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					improvements, Developed by Tecator, 2nd edition, May 2006. (HKD-1)	
58.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fenola spektrofotometrijski** *Spectrophotometric determination of phenols*	L.D.: 0,0005 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, strana 299 (SMVP-299) Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection, page 299 (SMVP-299)**	L1
59.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fluorida jonselektivnom elektrodom** *Determination of fluorides (ISE method)*	L.D.: 0,02 mg/l	**Voda za piće- standardne metode za ispitivanje higijenske ispravnosti, Beograd 1990, Savezni zavod za zdrastvenu zaštitu, str. 326**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					(SMVP-326) *Drinking water Standard methods for hygienic testing, Belgrade 1990, the Federal Bureau for health protection (SMVP-326)*	
60.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fosfata spektrofotometrijski Spectrophotometric determination of phosphate**	L.D.: 0,01 mg/l P	**Standard Methods for examination of Water and Wastewater-19th Edition 1995, edited by Andrew D. Eaton, Lenore S. Clasceri and Arnold E. Greenberg, 4500-P D (SMEW4500P D)**	L1
61.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom masene spektrometrije sa indukovano spregnutom plazmom (ICP-MS)** *Determination of elements by mass spectrometry with inductively coupled plasma* (ICP-MS)	L.D.(Ag): (0,002–1) mg/l L.D.(Al): (0,1–4) mg/l L.D.(As): (0,002–2) mg/l L.D.(Ba): (0,005–5) mg/l L.D.(be): (0,001–2) mg/l L.D.(Cd): (0,001–2) mg/l L.D.(Co): (0,002–4) mg/l	**MEST EN ISO 17294-2:2017**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
				L.D.(cr): (0,002–4) mg/l L.D.(Cu): (0,02–4) mg/l L.D.(Fe): (0,25-10) mg/l L.D.(Mn): (0,004–4) mg/l L.D.(Mo): (0,02–4) mg/l L.D.(Ni): (0,004–4) mg/l L.D.(Pb): (0,002–4) mg/l L.D.(Se): (0,01-2) mg/l L.D.(Sb): (0,002–4) mg/l L.D.(Sn): (0,002–4) mg/l L.D.(V): (0,001–2) mg/l L.D.(Zn): (0,02–4) mg/l		
62.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje bora primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** *Determination of boron by inductively coupled plasma-optical emission spectrometry (ICP-OES)*	L.D.(B): (0,01-4) mg/l	**EPA 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Spectrometry**	L1
63.	**Otpadne vode** *Waste water*	**Fizičko-hemijska**	**Određivanje žive živinim**	L.D.: 0,0001 mg/l	**Determination of Mercury in**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
		ispitivanja *Physical-chemical testing*	**analizatorom** *Determination of mercury by mercury analyzer*		**Hg Standard Solutions at the Lower Range Limit, Organic application note Leco AMA 254, Form No. 203-823-111, Leco corporation, 2003. (AMA-111)**	
64.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje hemijske potrošnje kiseonika – HPK** *Determination of chemical oxygen demand-COD*	L.D.:30 mg/l	**MEST ISO 6060:2011**	L1
65.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje polihlorovanih bifenila PCB-s** *Determination of polichlorinated byphenils*	1. L.D.: 0,000025 mg/l 2. L.D.: 0,00005 mg/l	**1. EPA Method 8080 A - Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography** **2. EPA Method 8270 D - Semivolatile organic compounds by gas chromatography /mass spectrometry (GC/MS)**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
66.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje policikličnih aromatskih ugljovodonika** *Determination of polycyclic aromatic hydrocarbons*	L.D.: 0,0001 mg/l	**EPA Method 8270 D - Semivolatile organic compounds by gas chromatography /mass spectrometry (GC/MS)**	L1
67.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organohlornih pesticida** *Determination of organochlorine pesticides*	L.D.: 0,00005 mg/l	**EPA Method 8080 A - Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography**	L1
68.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organofosfornih pesticida** *Determination of organophosphorus pesticides*	L.D.: 0,0001 mg/l	**EPA Method 8141 A - Organophospho rus compounds by gas chromatography: capillary column technique**	L1
69.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje fluorida, hlorida, nitrata, nitrita, fosfata i sulfata primjenom jonske hromatografije** *Determination of fluorides, chlorides, nitrates, nutrites,*	L.D.(F^-): 0,1 mg/l L.D. (Cl^-): 1 mg/l L.D (NO_2^-): 0,01 mg/l L.D. (NO_3^-): 1 mg/l L.D. (PO_4^{3-}):	**MEST EN ISO 10304-1:2012**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			phosphates and sulphates by ion chromatography	0,01 mg/l L.D. (SO_4^{2-}): 1 mg/l		
70.	**Otpadne vode** *Waste water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje indeksa mineralnih ulja metodom GCMS** *Determination of hydrocarbon oil index by GCMS method*	L.D. 0,2 mg/l	**MEST EN ISO 9377-2:2014**	L1
71.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje elemenata primjenom masene spektrometrije sa indukovano spregnutom plazmom (ICP-MS)** *Determination of elements by mass spectrometry with inductively coupled plasma (ICP-MS)*	L.D.(Ag): (0,2–200) µg/l L.D.(Al): (10–400) µg/l L.D.(As): (0,2–200) µg/l L.D.(Ba): (2–2000) µg/l L.D.(Be): (0,1–200) µg/l L.D.(Cd): (0,1–200) µg/l L.D.(Co): (0,1–200) µg/l L.D.(Cr): (0,1–200) µg/l L.D.(Cu): (1–200) µg/l L.D.(Fe): (25-1000) µg/l L.D.(Mn): (0,2–200) µg/l L.D.(Ni): (0,2–200) µg/l L.D.(Se): (0,5–20) µg/l L.D.(Sn): (0,1-200) µg/l L.D.(Sb): (0,1–	**MEST EN ISO 17294-2:2017**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
				200) µg/l L.D.(Pb): (0,2–200) µg/l L.D.(Zn): (5–1000) µg/l L.D.(Mo): (1–200) µg/l L.D.(V): (0,1–200) µg/l		
72.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje bora primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** *Determination of boron by inductively coupled plasma-optical emission spectrometry (ICP-OES)*	L.D.(B): (0,01-4) mg/l	**EPA 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Spectrometry**	L1
73.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	Određivanje sadržaja organokalajnih jedinjenja u vodi metodom GCMS *Determination of organotin compounds in water by GCMS method*	L.D.: 0,00005 mg/l	**ISO 17353:2004**	L1
74.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje indeksa mineralnih ulja metodom GCMS** *Determination of hydrocarbon oil index by GCMS method*	L.D.: (0,01–1,0) mg/l	**MEST EN ISO 9377-2:2014**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
75.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje polihlorovanih bifenila PCB-s** *Determination of polichlorinated byphenils* PCBs	1. L.D.: 0,000005 mg/l 2. L.D.: 0,000005 mg/l	**1. EPA Method 8080 A- Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography 2. EPA Method 8270 D-Semivolatile organic compounds by gas chromatography/mass spectrometry (GC/MS)**	L1
76.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje policikličnih aromatskih ugljovodonika** *Determination of polycyclic aromatic hydrocarbons*	L.D.: 0,00001 mg/l	**EPA Method 8270 D - Semivolatile organic compounds by gas chromatography/mass spectrometry (GC/MS)**	L1
77.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organohlornih pesticida** *Determination of organochlorine pesticides*	L.D.: 0,000005 mg/l	**EPA Method 8080 A - Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
78.	**Morska voda** *Sea water*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organofosfornih pesticida** *Determination of organophosphorus pesticides*	L.D.: 0,00005 mg/l	**EPA Method 8141 A- Organophosphorus compounds by gas chromatography : capillary column technique**	L1
79.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje žive živinim analizatorom** *Determination of mercury by mercury analyzer*	L.D.: 0,0001 mg/kg	**Determination of mercury in animal tissue: Organic application note Leco AMA 254, Form N0 203- 823-114, Leco corporation,1999 (AMA-114)**	L1
80.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje histamina u morskim proizvodima HPLC metodom** *Determination of histamines in sea products by HPLC method*	L.D.: 25mg/kg	**Official Methods of Analysis of AOAC International 16th Edition, 3rd Revision,1997, AOAC Methods: 977.13**	L1
81.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje organohlornih pesticida i PCB-a u ribama GC metodom** *Determination of organochlorine*		**Official Methods of Analysis of AOAC International 16th Edition, 3rd Revision,1997,**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			pesticides ad PCBs in fish using GC method		**AOAC Methods: 983.21**	
82.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje PAH-ova u školjkama metodom GCMS** *Determination of PAHs in shellfish by GCMS method*		*1. Određivanje PAH-ova u školjkama metodom GCMS- in-house metodDetermination of PAHs in shellfish using GCMS – in-house method* **2. Commission Regulation (EC) No 333/2007 of 28 March 20073. 2002/657/EC: Commission Decision of 12 August 2002 4. Commission Regulation (EU) No 836/2011 of 19 August 2011**	L1
83.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje biotoksina koji uzrokuju paralizu (PSP) u tkivu školjkaša HPLC-FLD metodom** *Determination Paralytic Shellfish Poisoning Toxins in Shellfish*	GTX1&4 (3,0-665) µg/kg NEO (31-616) µg/kg GTX2&3 (0,9-9) µg/kg GTX5 (1,5-16) µg/kg dcGTX2&3 (1,5-15) µg/kg STX (1,0-11) µg/kg	**1. AOAC official method 2005.06 Paralytic Shellfish Poisoning Toxins in Shellfish (Prechromatogr aphic Oxidation and Liquid Chromatograp**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
				dcSTX (0,9-10) µg/kg	**h y with Fluoroscence Detection First Action 2005) 2. 2002/657/EC: Commission Decision of 12 August 2002**	
84.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja lipofilnih biotoksina (DSP) u tkivu školjkaša LCMSMS metodom** *Determination of lipophilic marine biotoxins in molluscs by LCMS/MS*	AZA GRUPA (12-400) µg/kg OA GRUPA (25-800) µg/kg YTX GRUPA (150-4000) µg/kg	**1. EU-Harmonised Standard Operating Procedure for determination of lipophilic marine biotoxins in molluscs by LCMS/MS 2. 2002/657/EC: Commission Decision of 12 August 2002 (EURLMB Lipophilic biotoxins-LCMSMS)**	L1
85.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja domoične kiseline (Amnesic shellfish poison-ASP) u tkivu školjkaša HPLC/UV metodom** *Determination of domoic acid (Amnesic shellfish poison-ASP) in shellfish by*	(0,4-32) mg/kg	**1. EU-Harmonised Standard Operating Procedure for determination of domoic acid in shellfish and finfish by RP-HPLC using UV detection 2. 2002/657/EC: Commission**	L1

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			HPLC/UV method		**Decision of 12 August 2002(EURLMB Domoic acid-HPLC/UV)**	
86.	**Ribe, rakovi i proizvodi od riba** *Fish, crabs and fish products*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje rezidua pesticida u hrani životinjskog porijekla primjenom tehnike GC-MS/MS** **Lista pesticida** [3)] *Determination of pesticide residues in food of animal origin using the GC-MS/MS technique*	LOQ 5-10 µg/kg	**AOAC 2007.01 Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate - modifikovana**	L1
87.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje masti u mlijeku i mliječnim proizvodima metodom po Gerber-u** *Determination of fat in milk and dairy product – Gerber´s method*	Mlijeko*Milk* L.D.: 0,1% Kiselo mlijeko i jogurt/Buttermilk and yoghurt L.D.: 0,1% Mlijeko u prahu/Powder milk L.D.: 0,1% Pavlaka/Sour cream L.D. 0,5% Sir / Cheese L.D.: 0,5% Kajmak/Home made cream L.D.: 0,5% Kefir / Kefir L.D.: 0,1%	**Pravilnik o metodama uzimanja uzoraka i metodama hemijskih i fizičkih analiza mleka i proizvoda od mleka (Sl. list SFRJ, br. 32/83) – VII Metode hemijskih i fizičkih analiza mleka i proizvoda od mleka** *Rulebook on sampling methods and*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
				Sladoled / Ice cream L.D.: 0,1%	*methods of chemical and physical analysis of milk and dairy products (Official Gazette of SFRY, No. 32/83) - VII Methods of chemical and physical analysis of milk and dairy products* **I Mleko - 3. Određivanje masti u mleku (SL32/83-I/3)** *I milk - 3 Determination of fat in milk (SL32/83-I/3)* II Kiselo mleko i jogurt – 1. Određivanje masti u kiselom mleku i jogurtu (SL32/83-II/1) II Buttermilk and yogurt - 1 Determination of fat in butter milk and yogurt (SL32/83-II/1) IV Mleko u prahu – 2. Određivanje masti u mleku u prahu	

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					(SL32/83-IV/2) IV Powder milk - 2 Determination of fat content in milk powder (SL32/83-IV/2) V – Pavlaka – 1. Određivanje masti u pavlaci butirometrom za pavlaku (SL32/83-V/1) V - Sour cream - 1 Determination of fat in the cream by the cream butirometer (SL32/83-V/1) VI – Sir – 2. Određivanje masti u siru butirometrom za sir (SL32/83-VI/2) VI - Cheese - 2 Determination of fat in cheese by butirometer for cheese (SL32/83-VI/2) VII – Kajmak – 1. Određivanje masti u kajmaku (SL32/83-VII/1) VII - Cream - 1 Determination of fat in home made cream	

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					(SL32/83-VII/1) IX – Kefir – 1. Određivanje masti u kefiru (SL32/83-IX/1) IX - Kefir - 1 Determination of fat content in kefir (SL32/83-IX/1) X – Sladoled –1. Određivanje masti u sladoledu (SL32/83-X/1) X - Ice cream -1. Determination of fat in ice cream (SL32/83-X/1)	
88.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje suve materije u mlijeku i mliječnim proizvodima - gravimetrijska metoda** *Determination of dry matter in milk and dairy products – gravimetric method*	Mlijeko/*Milk* L.D.: 0,01% Kiselo mlijeko i jogurt/Buttermilk and yoghurt L.D. 0,01% Kefir/Kefir L.D. 0,01% Sladole /Ice cream L.D. 0,01%	**Pravilnik o metodama uzimanja uzoraka i metodama hemijskih i fizičkih analiza mleka i proizvoda od mleka (Sl. list SFRJ, br. 32/83) – VII Metode hemijskih i fizičkih analiza mleka i proizvoda od mleka** *Rulebook on sampling*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					methods and methods of chemical and physical analysis of milk and dairy products (Official Gazette of SFRY, No. 32/83) - VII Methods of chemical and physical analysis of milk and dairy products **I Mleko - 4. Određivanje suve materije u mleku (SL32/83- I/4)** *I Milk – 4 Determination of dry matter in milk (SL32/83-I/4) II Kiselo mleko i jogurt – 3. Određivanje suve materije u kiselom mleku i jogurtu (SL32/83-II/3) II Buttermilk and yogurt - 3 Determination of dry matter in buttermilk and yogurt (SL32/83-II/3)*	

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					IX – Kefir – 3. Određivanje suve materije u kefiru (SL32/83-IX/3) *IX - Kefir - 3 Determination of dry matter of kefir (SL32/83-IX/3)* *X – Sladoled – 2. Određivanje suve materije u sladoledu (SL32/83-X/2)* *X - Ice cream - 2 Determination of dry matter in ice cream (SL32/83-X/2*	
89.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje vode u mliječnim proizvodima - gravimetrijska metoda** *Determination of water in milk products – gravimetric method*	Mlijeko u prahu / *Powder milk* L.D.: 0,01% Sir / Cheese L.D.: 0,01% Kajmak / Home made cream L.D.: 0,01%	**Pravilnik o metodama uzimanja uzoraka i metodama hemijskih i fizičkih analiza mleka i proizvoda od mleka (Sl. list SFRJ, br. 32/83) – VII Metode hemijskih i fizičkih analiza mleka i proizvoda od mleka** *Rulebook on sampling*	L1

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					methods and methods of chemical and physical analysis of milk and dairy products (Official Gazette. 32/83) - VII Methods of chemical and physical analysis of milk and dairy products **IV Mleko u prahu – 1. Određivanje vode u mleku u prahu (SL32/83-IV/1)** *IV Milk powder - 1 Determination of water in milk powder (SL32/83-IV/1)*VI – Sir – 1. Određivanje vode u siru metodom sušenja (SL32/83-VI/1) VI - Cheese - 1 Determination of water in the cheese using drying method (SL32/83-VI/1)	

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					VII – Kajmak – 1. Određivanje vode u kajmaku (SL32/83-VII/1) VII - Cream - 1 Determination of water in cream (SL32/83-VII/1)	
90.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje beta laktama u mlijeku metodom LCMS/MS** *Determination of ß-lactam in milk by LCMS/MS method*		**Prevalence of molecules of ß-lactam antibiotics in bovine milk in Lombardia and Emilia Romagna (Italy), Ghidini S., Zanardi E., Varisco G., Chizzolini R., Ann. Fac. Medic. Vet. di Parma (Vol. XXII, 2002) - pg. 245 - pg. 252, modifikovana (LCMS-7)**	
91.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje antihelmintika u mlijeku metodom HPLC** *Determination of antihelmintics in milk by HPLC method*		**Validation and robustness testing of a HPLC method for the determination of avermectins and moxidectin in animal liver samples using an alumina**	L1

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					column clean-up-The Analyst-full paper, Martin Danaher, Michael O´Keeffe and Jeremy D. Glennon, modifikovana (HPLC-ANALYST 03)	
92.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje hinolona u mlijeku metodom HPLC** *Determination of quiinolones in milk by HPLC*		**(Validation of a multi-quinolone, multi-matrix, multi-species method for determination of quinolone residues by HPLC with fluorescence detection) poster 127 Euroresidues V, Noodwijkerhout, The Netherlands, May 10-12. 2004 E. Verdon, P. Couedor, P.Sanders, AFSSA-LERMVD, French Agency for Food Safety,**	L1

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					modifikovana (HPLC Poster 127)	
93.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja makrolida u mlijeku metodom LCMS/MS** *Determination of macrolides in milk by LCMS/MS method*		**Optimization and validation of Multiclass Multi residue LC- MS/MS Screening and Confirmation Method for Drug Residues in Milk, Food and Drug Administration LIB#4443 modifikovana (MAC-1)**	L1
94.	**Mlijeko i mliječni proizvodi** *Milk and dairy products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje klosantela u mlijeku metodom HPLC/FLD** *Determination of closantel in milk by HPLC/FLD method*		**1. Determination of closantel residues in milk and animal tissues by HPLC with fluorescence detection and SPE with oasis MAX cartriges- Sun HW, Wang FC, JCS, Vol 46, 2008- modif. 2. 2002/657/EC: Commission Decision of 12 August 2002 (OASIS-MAX-HPLC)**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
95.	**Med** *Honey*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje količine šećera volumetrijski** *Determination of sugars by volumetric titration*	glukoza i fruktoza/*glucose and fructose* (1-90) % Saharoza/*sucrose* (1-20) %	**Determination of apparent reducing sugars and apparent sucrose, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg. 42-45 (IHC-2009/42)**	L1
96.	**Med** *Honey*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje količine vode refraktometrijski** *Determination of moisture content – refractometric method*	(13-25) %	**Determination of moisture content, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg. 10-15 (IHC-2009/10)**	L1
97.	**Med** *Honey*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje količine materija nerastvorljivih u vodi gravimetrijski** *Determination of insoluble matter-gravimetric method*	(0,01-10) %	**Determination of insoluble matter, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg. 55 (IHC-2009/55)**	L1
98.	**Med** *Honey*	**Fizičko-hemijska**	**Određivanje slobodnih kiselina**	(0,5-60) mEq/1000 g	**Determination of pH and free**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
		ispitivanja *Physical-chemical testing*	**volumetrijski** *Determination of pH and free acidity by titration*		**acidity by titration to pH 8.3, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg. 21-23 (IHC-2009/21)**	
99.	**Med** *Honey*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje hidroksimetilfurfurala po White-u spektrofotometrijski** *Spectrophotometric determination of hydroxymethyfurfural after White*	(0,5-100) mg/kg	**Determination of hydroxymethyfurfural after White, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg. 29 (IHC-2009/29)**	L1
100.	**Med** *Honey*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje aktivnosti dijastaze po Schade-u spektrofotometrijski** *Spectrophotometric determination of diastase activity after Schade*	(1-50)	**Determination of diastase activity after Schade, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg. 35-38 (IHC-2009/35)**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
101.	**Med** *Honey*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje električne provodljivosti konduktometrijski** *Determination of electrical conductivity*	(0,01-20) mS/cm	**Determination of electrical conductivity, Harmonized Methods of the Inernational Honey Commission (IHC), 2009, pg.16-18 (IHC-2009/16)**	L1
102.	**Žita i mlinski proizvodi** *Cereals and milled products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje količine vode u žitu i mlinskim proizvodima-gravimetrijska metoda** *Determination of water content in wheat and flour mill products-gravimetric method*	L.D.: 0,01%	**Pravilnik o metodama fizičkih i hemijskih analiza za kontrolu kvaliteta žita, mlinskih i pekarskih proizvoda, testenina i brzo smrznutih testa (Sl. list SFRJ, br. 74/88) – 3. Metode fizičkih i hemijskih ispitivanja za kontrolu kvaliteta proizvoda – I – Žita i mlinski proizvodi – 8. Određivanje količine vode u žitu i mlinskim proizvodima (SL74/88-I/8)** *Rulebook on physical and*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					chemical methods of analysis for quality control of grain, milling and bakery products, pasta and fast frozen dough (Off. Gazette, No. 74. /88) - 3 Methods of physical and chemical tests for quality control of products - I - Grain and mill products - 8 Determination of water content in wheat and flour mill products (SL74/88-I/8)	
103.	**Žita i mlinski proizvodi** *Cereals and milled products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje količine pepela u žitu i mlinskim proizvodima-gravimetrijska metoda** *Determination of ash in wheat and flour mill products-gravimetric method*	L.D.: 0,01%	**Pravilnik o metodama fizičkih i hemijskih analiza za kontrolu kvaliteta žita, mlinskih i pekarskih proizvoda, testenina i brzo smrznutih testa (Sl. list SFRJ, br. 74/88) – 3. Metode fizičkih**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					i hemijskih ispitivanja za kontrolu kvaliteta proizvoda – I – Žita i mlinski proizvodi – 10. Određivanje kol. pepela u žitu i ml. proizvodima (SL74/88-I/10) Rulebook on physical and chemical methods of analysis for quality control of grain, milling and bakery products, pasta and fast frozen dough (Official Gazette, No. 74. / 88) - 3 Methods of physical and chemical tests for quality control of products - I - Grain and mill products - 10 Determination of ash in wheat and flour mill products (SL74/88-I/10)	
104.	**Žita i mlinski proizvodi**	**Fizičko-hemijska**	**Određivanje količine pepela**	L.D.: 0,001%	**Pravilnik o metodama**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	Cereals and milled products	**ispitivanja** *Physical-chemical testing*	**nerastvorljivog u hlorovodoničnoj kiselini (pijeska) u žitu i mlinskim proizvodima- gravimetrijska metoda** *Determination of ash insoluble in hydrochloric acid (sand) in wheat and flour mill products- gravimetric method*		**fizičkih i hemijskih analiza za kontrolu kvaliteta žita, mlinskih i pekarskih proizvoda, testenina i brzo smrznutih testa (Sl. list SFRJ, br. 74/88) – 3. Metode fizičkih i hemijskih ispitivanja za kontrolu kvaliteta proizvoda – I – Žita i mlinski proizvodi – 11. Određivanje količine pepela nerastvorljivog u hlorovodoničnoj kiselina (pijeska) u žitu i mlinskim proizvodima (SL74/88-I/11)** Rulebook on physical and chemical methods of analysis for quality control of grain, milling and bakery products, pasta and fast frozen	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					dough (Official Gazette, No. 74. / 88) - 3 Methods of physical and chemical tests for quality control of products - I - Grain and mill products - 11 Determination of ash insoluble in hydrochloric acid (sand) in wheat and flour mill products (SL74/88-I/11)	
105.	**Žita i mlinski proizvodi** *Cereals and milled products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje kiselinskog stepena u žitu i mlinskim proizvodima volumetrijski** *Determination of acid level in wheat and flour mill products by volumetric titration*	L.D.: 0,1	**Pravilnik o metodama fizičkih i hemijskih analiza za kontrolu kvaliteta žita, mlinskih i pekarskih proizvoda, testenina i brzo smrznutih testa (Sl. list SFRJ, br. 74/88) – 3. Metode fizičkih i hemijskih ispitivanja za kontrolu kvaliteta proizvoda – I – Žita i mlinski proizvodi – 16.**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					Određivanje kiselinskog stepena u žitu i mlinskim proizvodima (SL74/88-I/16) Rulebook on physical and chemical methods of analysis for quality control of grain, milling and bakery products, pasta and fast frozen dough (Official Gazette, No. 74. / 88) - 3 Methods of physical and chemical tests for quality control of products - I - Grain and mill products - 16 Determination of acid level in wheat and flour mill products (SL74/88-I/16)	
106.	**Žita i mlinski proizvodi** *Cereals and milled products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja fumonizina metodom LCMS/MS** *Determination of fumonisins by LCMS/MS method*		**Foodstuffs - Determination of fumonisins B1 and B2 in maize - HPLC method with solid phase extraction**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					clean-up, MEST EN 13585:2009 with modification	
107.	**Žita i mlinski proizvodi** *Cereals and milled products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja zearalenona metodom LCMS/MS** *Determination of content of zearalenone by LCMS/MS method*		**17 Mycotoxin screen by GCMS, Hovard H. Casper, North Dakota State University, Department of Veterinary & Microbiological Science, Fargo, North Dakota, modifikovana (NDSU-1)**	L1
108.	**Žita i mlinski proizvodi** *Cereals and milled products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja trihotecena u žitaricama i njihovim proizvodima metodom GCMS** *Determination of trichothecenes in cereals and their products using GCMS*		**17 Mycotoxin screen by GCMS, Hovard H. Casper, North Dakota State University, Department of Veterinary & Microbiological Science, Fargo, North Dakota, modifikovana (TR-GCMS)**	L1
109.	**Proizvodi od voća i povrća** *Fruit and vegetable products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje ukupne suve materije-gravimetrijska metoda** *Determination of*	L.D.: 0,01%	**Pravilnik o metodama uzimanja uzoraka i vršenja hemijskih i**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			total dry matter- gravimetric method		**fizičkih analiza radi kontrole kvaliteta proizvoda od voća i povrća (Sl. list SFRJ, br. 29/83) –2. Određivanje ukupne suve materije (SL29/83-2)** *Rulebook on sampling methods and performance of chemical and physical analysis for quality control of fruit and vegetables (Official Gazette. 29/83) - 2 Determination of total dry matter (SL29/83-2)*	
110.	**Proizvodi od voća i povrća** *Fruit and vegetable products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje ukupne kiselosti volumetrijski** *Determination of total acidity by volumetric titration*	L.D.: 0,1 g/kg	**Pravilnik o metodama uzimanja uzoraka i vršenja hemijskih i fizičkih analiza radi kontrole kvaliteta proizvoda od voća i povrća (Sl. list SFRJ,**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					br. 29/83) – 18. Određivanje ukupne kiselosti (SL29/83-18) *Rulebook on sampling methods and performance of chemical and physical analysis for quality control of fruit and vegetables (Official Gazette. 29/83)-18 Determination of total acidity (SL29/83-18)*	
111.	**Kakao proizvodi, proizvodi slični čokoladi, bonbonski proizvodi, krem proizvodi, keks i proizvodi srodni keksu** *Cocoa products, chocolatelike products,confectionery, cream products,biscuits and simiral products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje vode sušenjem pod normalnim pritiskom-gravimetrijska metoda** Determination of water by drying under normal pressure-gravimetric method	L.D.: 0,01%	**Pravilnik o metodama uzimanja uzoraka i metodama vršenja hemijskih i fizičkih analiza kakao-zrna, kakao-proizvoda, proizvoda sličnih čokoladi, bombonskih proizvoda, krem-proizvoda, keksa i**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					proizvoda srodnih keksu (Sl. list SFRJ, 41/87) – II – Metode fizičkih i hemijskih analiza proizvoda – 1. Određivanje vode sušenjem pod normalnim pritiskom (SL41/87-II/1) Rulebook on sampling methods and methods of performing chemical and physical analysis of cocoa beans, cocoa products, products like chocolate, confectionery, cream products, biscuits and biscuit related products (Official Gazette, 41/87) - II – Methods of physical and chemical analysis products - 1 Determination of water by drying under normal pressure	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					(SL41/87-II/1)	
112.	**Meso** *Meat*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja tetraciklina u mišićnom tkivu, bubrežnom tkivu i tkivu jetre metodom HPLC** Determination of tetracyclines in meat by HPLC method		**Extraction of tetracyclines from Animal Tissue and Eggs, JT Baker Aplication Note FF505 modifikovana (HPLC BAKER FF 505)**	L1
113.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja nitrita u prehrambenim proizvodima, mesu i proizvodima spektrofotometrijski** *Spectrophotometric determination of nitrite in food products, meat and meat products*	L.D.: 10 mg/kg	**ISO 2918:1975**	L1
114.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja hidroksiprolina u mesu i proizvodima od mesa spektrofotometrijski** *Spectrophotometry determination of hydroxyproline content in meat and meat products*	L.D.: 0,6%	**ISO 3496:1994**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
115.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja ukupnog fosfora u mesu i proizvodima od mesa spektrofotometrijski** *Spectrophotometry determination of total phosphorus content in meat and meat products*	L.D.: 0,1 g/kg	**ISO 23776:2021**	L1
116.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja beta-agonista u mišićnom tkivu,bubrežnom tkivu i tkivu jetre metodom LCMS/MS** *Determination of beta- agonists by LCMS/MS method*		**1. GCMS confirmatory method for the determination of clenbuterol residues in animal urine and liver samples- Tomasz Sniegocki, Jan Zmudzki, Andrzej Posynik and Stanislaw Semenuk, Bull.Vet.Inst. Pulaway 47,139- 144, 2003- modifikovana 2. 2002/657/EC: Commission Decision of 12 August 2002 implementing** Council	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					Directive 96/23/EC concerning the performance of analytical methods and the interpretation of results (LCMS-3.mod)	
117.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje stilbena u mišićnom tkivu/riba i tkivu jetre metodom LCMS/MS** *Determination od stilbene by LCMS/MS method*		**1. Analysis of Stilbene Ressidues in Aquacultured Finfish Using LC-MS/MS (Jack J. Lohne, Wendy C. Andersen, Christine R. Casey, Sherri B. Turnipseed, and Mark R. Madson) Journal of Agricultural and Food Chemistry.2013 - modifikovana 2. 2002/657/EC: Commission Decision of 12 August 2002 impl. Council Dir. 96/23/EC concerning the performance of analytical methods and the interpretation**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					of results (LCMS-1)	
118.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja hinolona u mišićnom tkivu, bubrežnom tkivu i tkivu jetre metodom HPLC** *Determination of quinolones content by HPLC method*		**Simultaneous Quatification of Ciprofloxacin, Enrofloxacin, and Balofloxacin in Broiler Chicken Muscle, H. Garcia Ovando, M.V.N. Gorla, M.Sc.L. Ugnia, A. Magnoli M.V, Arch.Med.Vet. X XXVI, No1,2004, modifikovana (HPLC MEDVET 36)**	L1
119.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja hloramfenikola metodom LCMS/MS** *Determination of Chloramphenicol by LCMS/MS method*		**Determination and Confirmation of Chloramphenic o l Residues in swine muscle and liver, T.L. LI, Y.J. CHUNG-WANG, AND Y.C. SHIH, JFS: Food Chemistry and Toxicology, modifikovana (FCT-CAP-1)**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
120.	**Meso i mesni proizvodi** *Meat and meat products*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja beta laktama u mišićnom tkivu,bubrežnom tkivu i tkivu jetre metodom LCMS/MS** *Determination of β-Lactam content by LCMS/MS*		**Screening and Confirmation of β-Lactam Antibiotics by HPLC-MS/MS, CLG-BLAC.02 United States Department of Agriculture Food Safety and Inspection Service, Office of Public Health Science (FSIS-2)**	L1
121.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja Aflatoksina B1, B2, G1 i G2 u hrani za životinje metodom HPLC** *Determination of Aflatoxins B1, B2, G1 and G2 in feed by HPLC mehod*		**Instruction manual for immunoaffinity column for the purification of Aflatoxins in conjunction with HPLC (SOP HPLC 7)**	L1
122.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje vlage gravimetrijski** *Determination of moisture - gravimetric method*	Hraniva i smješe osim masti i ulja životinjskog i biljnog porijekla *Feed and mixtures other than fat and oil of animal and plant origin* (0,5-30) %	*Pravilnik o metodama za uzimanje uzoraka i laboratorijska ispitivanja hrane za životinje (Sl. list CG, br. 78/16)Rulebook on methods for sampling and laboratory testing of animal feed (Official*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					Gazette of Montenegro, No. 78/16) **Prilog 3 Dio I Određivanje vlage (SL78/16-3/I)** *Annex 3 Part I Determination of moisture (SL78/16-3/I)*Prilog 3 Dio II Određivanje vlage u mastima i uljima životinjskog i biljnog porijekla (SL78/16-3/II) Annex 3 Part II Determination of moisture in oils and oils of animal and plant origin (SL78/16-3/II)	
123.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sirovih proteina po Kjedahl-u** *Determination of crude proteins – Kjeldahl method*	(0,5-30) %	**Pravilnik o metodama za uzimanje uzoraka i laboratorijska ispitivanja hrane za životinje (Sl. list CG, br. 78/16) Prilog 3 Dio III Određivanje sadržaja sirovih proteina (SL78/16-3/III)**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					Rulebook on methods for sampling and laboratory testing of animal feed (Official Gazette of Montenegro, No. 78/16) Annex 3 Part III Determination of crude proteins (SL78/16-3/III)	
124.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sirovih masti i ulja gravimetrijski** *Determination of crude fats and oils – gravimetric method*	(0,5-50) %	**Pravilnik o metodama za uzimanje uzoraka i laboratorijska ispitivanja hrane za životinje (Sl. list CG, br. 78/16). Prilog 3 Dio VIII Određivanje sirovih masti i ulja (SL78/16-3/VIII)** *Rulebook on methods for sampling and laboratory testing of animal feed (Official Gazette of Montenegro, No. 78/16) Annex 3 Part*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					VIII Determination of crude fats and oils (SL78/16-3/VIII)	
125.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje šećera** *Determination of sugars*	(0,5-30) %	**Pravilnik o metodama za uzimanje uzoraka i laboratorijska ispitivanja hrane za životinje (Sl. list CG, br. 78/16). Prilog 3 Dio X Određivanje šećera (SL78/16-3/X)** *Rulebook on methods for* sampling and laboratory testing of animal feed (Official Gazette of Montenegro, No. 78/16) Annex 3 Part X Determination of sugars (SL78/16-3/X)	L1
126.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sirovog pepela** *Determination of crude ash*	(0,1-20) %	**Pravilnik o metodama za uzimanje uzoraka i laboratorijska ispitivanja hrane za životinje (Sl.**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					list CG, br. 78/16). Prilog 3 Dio XIII Određivanje sirovog pepela (SL78/16-3/XII) *Rulebook on methods for sampling and laboratory testing of animal feed (Official Gazette of Montenegro, No. 78/16) Annex 3 Part XIII Determination of crude ash (SL78/16-3/XII)*	
127.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje hloramfenikola primjenom Enzyme Linked Immuno Sorbent Assay (ELISA) Determination of chloramphenicol by Enzyme Linked Immuno Sorbent Assay (ELISA)**		**Metoda prema uputstvu proizvođača kita:** *Method according to the* manufacturer's kit instructions: Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis of Chloramphenicol in various matrices, 5091 CAPF,	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					Europroxima, Netherland (ELISA-HLR-06)	
128.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje beta agonista primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of beta agonists by Enzyme Linked Immuno Sorbent Assay (ELISA)*		**Metoda prema uputstvu proizvođača kita:** *Method according to the manufacturer's kit instructions:* **Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis on the presence of a wide variaty of Beta Agonist, 5061 BAGF, Europroxima**	L1
129.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje Aflatoxina B1 primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of aflatoxin B1 by Enzyme Linked Immuno Sorbent Assay (ELISA)*		***Metoda prema uputstvu proizvođača kita:*** *Method according to the manufacturer's kit instructions:* **A competitive enzyme immunoassay for screening and quantitative**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					analysis of Aflatoxin B1 in various matrices-Aflatoxin B1 Sensitive ELISA 5121AFBS Europroxima, Netherland (ELISA-AFLA-73)	
130.	**Hrana za životinje** *Feed of animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje Ohratoksin-A primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of ochratoksin-A by Enzyme Linked Immuno Sorbent Assay (ELISA)*		*Metoda prema uputstvu proizvođača kita:Method according to the manufacturer's kit instructions:* **A competitive enzyme immunoassay for screening and quantitative analysis of Aflatoxin B1 in various matrices-Aflatoxin B1 Sensitive ELISA** 5121AFBS Europroxima, Netherland (ELISA-AFLA-73)	L1
131.	**Hrana za životinje** *Feed of animal*	**Fizičko-hemijska ispitivanja**	**Određivanje Diethylstilbestrol (DES) primjenom**		*Metoda prema uputstvu proizvođača*	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	origin	*Physical-chemical testing*	**Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of Diethylstilbestrol (DES) by termination of aflatoxin B1 by Enzyme Linked Immuno Sorbent Assay (ELISA)*		*kita:Method according to the manufacturer's kit instructions:* **A competitive enzyme immunoassay for screening andquantitative analysis of diethylstilbestrol (DES) in various matrices -5081 DES Europroxima, Netherland (ELISA-DES-04)**	
132.	**Hrana za životinje** *Feed of animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja kobalta, bakra, gvožđa, mangana i cinka u hrani za životinje primjenom induktivno kuplovane plazme optičke spektrometrije (ICP-OES)** Determination of cobalt, copper, iron, manganese and zinc content in animal feed using inductively coupled plasma optical spectrometry (ICP-OES)	LOQ Co 1.0 mg/kg LOQ Cu 1.2 mg/kg LOQ Fe 2.6 mg/kg LOQ Mn 1.8 mg/kg LOQ Zn 1.0 mg/kg	**MEST EN 15621:2018**	L1

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133.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja vode gravimetrijski** Determination of water content gravimetrically	LOQ ≥ 0,6%	Trajković J., Mirić, M., Baras, J., Šiler, S, Analize životnih namirnica, Tehnološko-metalurški fakultet, Beograd 1983. (strana 13)	L1
134.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja pepela gravimetrijski** Determination of ash content gravimetrically	LOQ ≥ 0,2%	Trajković J., Mirić, M., Baras, J., Šiler, S, Analize životnih namirnica, Tehnološko-metalurški fakultet, Beograd 1983. (strana 29)	L1
135.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja soli volumetrijski** Determination of salt content volumetrically	LOQ ≥ 0,1%	Trajković J., Mirić, M., Baras, J., Šiler, S, Analize životnih namirnica, Tehnološko-metalurški fakultet, Beograd 1983. (strana 327, 490)	L1
136.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja proteina po Kjeldahl-u** Determination of protein content	LOQ ≥ 0,4%	Trajković J., Mirić, M., Baras, J., Šiler, S, Analize životnih namirnica,	L1

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			according to Kjeldahl		Tehnološko-metalurški fakultet, Beograd 1983. (strana 75) Handbook for Kjeldahl digestion – a recent review of the classical method with improvements, Devel. by Tecator, 2nd Ed, May 2006.	
137.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja šećera volumetrijski po Luff-Schoorl-u** Determination of sugar content volumetrically according to Luff-Schoorl	LOQ ≥ 0,25%	Trajković J., Mirić, M., Baras, J., Šiler, S, Analize životnih namirnica, Tehnološko-metalurški fakultet, Beograd 1983. (strana 124)	L1
138.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja masti po Soxhlet-u** Determination of fat content by Soxhlet	LOQ ≥ 0,5%	Trajković J., Mirić, M., Baras, J., Šiler, S, Analize životnih namirnica, Tehnološko-metalurški fakultet, Beograd 1983. (strana 96)	L1
139.	**Hrana biljnog i**	**Fizičko-**	**Određivanje**	riba i proizvodi	**MEST EN**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	životinjskog porijekla *Food of plant and animal origin*	**hemijska ispitivanja** *Physical-chemical testing*	**elemenata primjenom atomske apsorpcione spektrometrije sa grafitnom pećи (GF- AAS)** *Determination of elements by graphite furnace atomic absorption spectrophotometry (GF-AAS)*	od ribe / *fish anf fish products* Pb (0,02-0,50) mg/kg Cd (0,02-0,10) mg/kg Školjke / *shellfish* Pb (0,1-2,50) mg/kg Cd (0,5-2,5)mg/kg meso / *meat* Pb (0,04-0,2) mg/kg Cd (0,02-0,10) mg/kg mlijeko i hrana za odojčad i hrana za nastavak prehrane odojčadi i male djece / *milk, infant and follow- on formulae* Pb (0,005-0,05) mg/kg Cd (0,01-0,05) mg/kg voće, povrće i žitarice / *fruit, vegetable and cereals* Pb (0,04-0,2) mg/kg Cd (0,02-0,10)	**14084:2009 Commission Regulation (EC) No 333/2007 of 28 March 2007 2002/657/EC: Commission Decision of 12 August 2002 Commission Regulation (EU) No 836/2011 of 19 August 2011**	

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				mg/kg		
140.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje hloramfenikola primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of chloramphenicol by Enzyme Linked Immuno Sorbent Assay (ELISA)*	Mlijeko mišić, med, jaje, riba Milk, *muscles, honey, eggs, fish* ≥ 0,050 µg/kg	*Metoda prema uputstvu proizvođača kita:Method according to the manufacturer's kit instructions:* **Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis of Chloramphenico l in various matrices, 5091 CAPF, Europroxima, Netherland (ELISA-HLR-139)**	L1
141.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje beta agonista primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of beta agonists by Enzyme Linked Immuno Sorbent Assay (ELISA)*		**Metoda prema uputstvu proizvođača kita:** *Method accor. to manufacturer's kit instructions:* **Microtiter plate based competitive enzyme immunoassay for screening**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					and quantitative analysis on the presence of a wide variaty of Beta Agonist, 5061 BAGF, Europroxima, Netherland (ELISA-BA-142)	
142.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sulfonamida primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of sulphonamides by Enzyme Linked Immuno Sorbent Assay (ELISA)*		**Metoda prema uputstvu proizvođača kita:** *Method accor. to manufacturer's kit instructions:* **A competitive enzyme immunoassay for screening and quantitative analysis of a broad range sulfonamides in various matrices, 5101 SULM II, Europroxima, Netherland (ELISA-SULF-79)**	L1
143.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal*	**Fizičko-hemijska ispitivanja** *Physical-*	**Određivanje sadržaja sulfonamida u medu primjenom tečnog**		**Quantitative LC/MS-MS Determination of Sulfonamides**	L1

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	origin	*chemical testing*	**hromatografa sa masenim spektrometrom (LCMS/MS)** *Determination of Sulfonamides in honey by LCMS/MS method*		**and Some Other Antibiotics in Honey. Anton Kaufmann, Sven Roth, Bianca Ryser, Mirjam Widmer, Dominik Guggisberg. Journal of AOAC International vol. 85, No. 4, 2002 853 (LCMS-SULF-148)**	
144.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	*Određivanje Aflatoxina B1 primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)Determination of aflatoxin B1 by Enzyme Linked Immuno Sorbent Assay (ELISA)* **1. Žitarice i proizvodi od Žitarica /** *Cereals* **2. Jezgrasto voće /** *Nuts* **3. Uljarice i njihovi proizvodi /** *Oilseeds* 4. Sušeno voće / Dried fruits 5. Začini Spices 6. Hrana za odojčad i malu djecu		Metoda prema uputstvu proizvođača kita: Method accor. to manufacturer's kit instructions: A competitive enzyme immunoassay for screening and quantitative analysis of Aflatoxin B1 in various matrices- Aflatoxin B1 Sensitive ELISA 5121AFBS Europroxima, Netherland (ELISA-AFLA-	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			Baby/infant food		146)	
145.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	*Određivanje Total Afla toxina primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)Determination of Total Aflatoxin by Enzyme Linked Immuno Sorbent Assay (ELISA)* **1. Žitarice i proizvodi od žitarica** / *Cereals* **2. Jezgrasto voće** / *Nuts* 3. Uljarice i njihovi proizvodi / Oilseeds 4. Sušeno voće / Dried fruits 5. Začini / Spices		Metoda prema uputstvu proizvođača kita: Method accor. to manufacturer's kit instructions: A competitive enzyme immunoassay for screening and quantitative analysis of Aflatoxin total in various matrices -Total Aflatoxin ELISA 5121AFT Europroxima, Netherland (ELISA-AFLA-72)	L1
146.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje Total Aflatoxin M1 primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of* Total Aflatoxin M1 *by Enzyme Linked Immuno Sorbent Assay (ELISA)* **Mlijeko, hrana za odojčad i hrana za nastavak prehrane odojčadi i male**		**Metoda prema uputstvu proizvođača kita:** *Method according to the manufacturer's kit instructions:* **A competitive enzyme immunoassay for andquantitative analysis of Aflatoxin M1 in**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			djece *Milk, baby food and food for continuing nutrition for infants and young children*		**milk and milk products -5121 AFMS Europroxima, Netherland (ELISA-AFLA-74)**	
147.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	*Određivanje Ohratoksin-A primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)Determination of Ochratoxin-A by Enzyme Linked Immuno Sorbent Assay (ELISA)* **1. Žitarice i proizvodi od žitarica /** *Cereals* **2. Sušeno voće /** *Dried fruits* **3. Začini /** *Spices* 4. Hrana za odojčad i malu djecu / Baby/infant food 5. Kafa i proizvodi od kafe /Coffee and coffee products 6. Vino / Wine		Metoda prema uputstvu proizvođača kita: Method according to the manufacturer's kit instructions: A competitive enzyme immunoassay for andquantitative analysis of Ochratoxin –A in food and feed samples 5121 OCH, Europroxima, Netherland (ELISA-OCHR-174)	L1
148.	**Hrana biljnog i životinjskog porijekla** *Food of plant and animal origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje Diethylstilbestrol (DES) primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of* Diethylstilbestrol (DES) *by Enzyme Linked Immuno*		**Metoda prema uputstvu proizvođača kita:** *Method accor. to manufacturer's kit instructions:* **A competitive enzyme**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			Sorbent Assay (ELISA) **1. Iznutrice /** *Offal* **2. Riba /** *Fish* **3. Meso /** *Meat*		**immunoassay for screening andquantitative analysis of diethylstilbestrol (DES) in various matrices -5081 DES Europroxima, Netherland, (ELISA-DES-149)**	
149.	**Hrana biljnog porijekla** *Food of plant origin*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Kvantitativno određivanje rezidua pesticida u hrani biljnog porijekla primjenom GC-MS/MS tehnike, nakon ekstrakcije acetonitrilom i prečišćavanjem disperzivnom SPE, modularna QuEChERS metoda za grupe proizvoda:** 1. **Voće i povrće sa visokim sadržajem vode** 2. **Kiselo voće i povrće sa visokim sadržajem vode** 3. **Proizvodi sa visokim sadržajem šećera i niskim sadržajem vode**	LOQ < 0,01 mg/kg	**MEST EN 15662:2019**	L1

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			4. **Proizvodi sa visokim sadržajem ulja i veoma niskim sadržajem vode (uljarice)** 5. **Proizvodi sa visokim sadržajem ulja i srednjim sadržajem vode** 6. **Proizvodi sa visokim sadržajem skroba/proteina i niskim sadržajem vode i masti** **Lista pesticida** [1)] *Determination of pesticide residues in* food of plant origin *using GC-MS/MS technique - following acetonitrile extraction/ partitioning and clean-up by dispersive SPE - Modular QuEChERS-method* for product groups: 1. Fruits and vegetables with high water content 2. Highly acidic fruits and vegetables with high water content 3. Products with			

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			high sugar content and low water content 4. Products with high oil content and very low water content (oilseeds) 5. Products with high oil content and moderate water content 6. Products with high starch and/or protein content and low water and fat content List of pesticides 1)			
150.	**Hrana biljnog porijekla** *Food of plant origin*	**Hemijska ispitivanja** *Chemical testing*	**Kvantitativno određivanje rezidua pesticida u hrani primjenom LC-MS/MS tehnike nakon ekstrakcije acetonitrilom i prečišćavanju disperzivnom SPE-Modularna Quechers metoda Grupa proizvoda: 1. Voće i povrće sa visokim sadržajem vode 2. Proizvodi sa visokim sadržajem ulja i niskim sadržajem vode (uljajrice) 3. Proizvodi sa visokim sadržajem**	LOQ (mg/kg) < 0,01	**MEST EN 15662:2019**	L1

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			skroba/proteina i niskim sadržajem vode i masti **Lista pesticida** [2)] *Determination of pesticide residues in* food of plant origin *using LC-MS/MS technique - following acetonitrile extraction/ partitioning and clean-up by dispersive SPE - Modular QuEChERS-method* 1) *Fruits and vegetables with high water content* 2) *Products with high oil content and very low water content (oilseeds) Products with high starch and/or protein content and low water and fat content*			
151.	**Hrana životinjskog porijekla (mlijeko, mišić, jetra, bubreg i**	**Fizičko-hemijska ispitivanja** *Physical-chemical*	**Kvalitativno određivanje penicilina primjenom ELISA testa**	Mlijeko/*Milk* ≥ 2 µg/kg Mišić, bubreg, jetra, masno tkivo *Muscles*	**Metoda prema uputstvu proizvođača kita:** *Method accor.*	L1

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	masno tkivo) *Food of animal origin (milk. muscles, liver, kidney, fatty tissue)*	*testing*	*Qualitative determination of penicilines by ELISA test*	*liver, kidney, fatty tissue* ≥ 25 µg/kg	*to manufacturer's kit instructions:* **Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis of Penicilins in various matrices, 5091 PEN, Europroxima, Netherland**	
152.	**Povrće i voće** *Vegetables and fruits*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja nitrata HPLC metodom** *Determination of nitrate content by HPLC method*		**A High Performance Liquid Chromatograph y Metod for Determining Nitrate and Nitrite Levels in Vegetables- Shin- Shou Chou, Jen-Chen Chung, Deng-Fwu Hwang (Journal of Food and Drug Analysis, Vol 11, No.3,2003, Pages 233238, modifikovana (JFDA-2003-NO3)**	L1

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153.	**Povrće i voće** *Vegetables and fruits*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja pesticida u namirnicama biljnog porijekla metodom GCMS-QuEChERS metoda** Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE – QuEChERS-method		**MEST EN 15662:2019**	L1
154.	**Hrana životinjskog porijekla (mlijeko, jaja, med, jetra, bubreg i riba**) *Food of animal origin (milk, honey, eggs, liver, kidney, fish)*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Kvalitativno određivanje tetraciklina primjenom ELISA testa** (*Qualitative determination of tetracyclines by ELISA test)*	Mlijeko (Milk) ≥ 10 µg/kg Bubreg, jetra (Liver, kidney) ≥ 30 µg/kg Med (Honey) ≥ 5 µg/kg Jaja (Eggs) ≥ 20 µg/kg Riba (Fish) ≥ 10 µg/kg	**Metoda prema uputstvu proizvođača kita**: *Method accor. to manufacturer's kit instructions: Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis of Tetracyclines in various matrices, 5091 TC, Europroxima, The Netherlands*	L1
155.	**Hrana**	**Hemijska**	**Semi-**	Mlijeko CCβ (µg/kg)	"**Screening and Confirmation**	L1

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	životinjskog porijekla *Food of animal origin*	**ispitivanja** *Chemical testing*	**kvantitativno određivanje farmakološko aktivnih supstanci - antimikrobne supstance i antiparazitici u mišićnom tkivu, ribi, jajima i mlijeku skrining LCMS/MS metodom** *Semi-quantitative determination of pharmacologically active substances - antimicrobial substances and antiparasitics in muscle tissue, fish, eggs and milk screening by LCMS/MS method*	2,5-40 Mišićno tkivo (govođe, ovčje, kozje, pileće, svinjsko) CCβ (µg/kg) 5-75 Jaja CCβ (µg/kg) 2,5-40 Riba CCβ (µg/kg) 5-75	**of Animal Drug Residues by UHPLC-MS-MS, CLG-MRM1.08, United States Department of Agriculture Food Safety and Inspection Service, Office of Public Health Science"**	
156.	**Hrana životinjskog porijekla** *Food of animal origin*	**Hemijska ispitivanja** *Chemical testing*	**Semi-kvantitativno određivanje metabolita nitrofurana u ribi skrining LCMS/MS metodom** *Semi-quantitative determination of nitrofuran metabolites in fish screening by LCMS/MS method*	CCβ (µg/kg) AHD-0,25 AMOZ-0,25 AOZ-0,25 SEM-0,25	**Screening and Confirmation of Four Nitrofuran Metabolites by Liquid Chromatography- Tandem Mass Spectrometry, CLG-NFUR 3.01, United States Department of Agriculture Food Safety**	L1

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					and Inspection Service, Office of Public Health Science	
157.	**Biološki materijal (urin, serum, plazma)** *Biological material (urine, serum, plasma)*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje sadržaja steroida metodom LCMS/MS** *Determination of steroids content by LCMS/MS method*		**Steroids from urine, serum and plasma, MN Appl. No. 300550, modifikovana (MNA300500)**	L1
158.	**Biološki materijal (urin, serum, plazma)** *Biological material (urine, serum, plasma)*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje hloramfenikola u urinu primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of* Chloramphenicol in urine *by Enzyme Linked Immuno Sorbent Assay (ELISA)*		*Metoda prema uputstvu proizvođača kita:Method accor. to manufacturer's kit instructions:* **Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis of Chloramphenic o l in various matrices, 5091 CAPF, Europroxima, Netherland (ELISA-HLR-141)**	L1
159.	**Biološki materijal (urin,**	**Fizičko-hemijska**	Određivanje beta agonista u urinu		*Metoda prema uputstvu*	L1

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	serum, plazma) *Biological material (urine, serum, plasma)*	**ispitivanja** *Physical-chemical testing*	primjenom Enzyme Linked Immuno Sorbent Assay (ELISA) *Determination of Beta Agonist in urine by Enzyme Linked Immuno Sorbent Assay (ELISA)*		*proizvođača kita:Method accor. to manufacturer's kit instructions:* **Microtiter plate based competitive enzyme immunoassay for screening and quantitative analysis on the presence of a wide variaty of Beta Agonist, 5061 BAGF,** Europroxima, Netherland (ELISA-BA-143)	
160.	**Biološki materijal (urin, serum, plazma)** *Biological material (urine, serum, plasma)*	**Fizičko-hemijska ispitivanja** *Physical-chemical testing*	**Određivanje Diethylstilbestrol (DES) u urinu primjenom Enzyme Linked Immuno Sorbent Assay (ELISA)** *Determination of* diethylstilbestrol (DES) in urine *by Enzyme Linked Immuno Sorbent Assay (ELISA)*		*Metoda prema uputstvu proizvođača kita:Method according to the manufacturer's kit instructions:* **A competitive enzyme immunoassay for screening andquantitative analysis of diethylstilbestrol (DES) in various matrices -5081 DES**	L1

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					Europroxima, Netherland (ELISA-DES-145)	
161.	**Alkoholna pića, pivo i vino** *Alcoholic beverages, beer and wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje sadržaja etanola u pivu metodom GC/FID-Head Space** *Determination of ethanol in beer using GC/FID-Head Spacemet*		**interno razvijena metoda** *in-house method* **EP-GC/HS**	L1
162.	**Alkoholna pića** *Alcoholic beverages*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje sadržaja metanola, etil-acetata, acet-aldehida i viših alkohola u alkoholnim pićima metodom GC/FID-Head Space** Determination of the content of methanol, ethyl acetate, acetaldehyde and higher alcohols in alcoholic beverages using the GC/FID-Head Space method	LOQ ≥ 7.5 mg/l	Interno razvijena metoda (in-house) GH-196	L1
163.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje ukupnog SO_2 u vinu volumetrijski** *Determination of total SO_2 in wine by volumetric titration*		**Dr Mihailo Daničić, Praktikum iz tehnologije vina (II izdanje), Poljoprivredni**	L1

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					fakultet, Beograd, 1978, str. 141,143-144. (PTV-141) *Dr Mihailo Danicic, Practicum in wine technology (second edition), Faculty of Agriculture, Belgrade, 1978, p. 141,143-144 (PTV-141)*	
164.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje alkoholne jačine po zapremini piknometrijski** *Determination of alcoholic strength by volume – picnometry method*		**Method OIV-MA-AS312-01A Alcoholic strength by volume. Compendium of international methods of wine and must analysis, International Organisation of Vine and Wine, Ed.2016, Volume 1**	L1
165.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje gustine na 20 °C piknometrijski** *Determination of density at 20 °C - picnometry method*		**Method OIV-MA-AS2-01A Type I methods Density and Specific Gravity at 20 ºC. Compendium of international methods**	L1

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					of wine and must analysis, International Organisation of Vine and Wine, Ed.2016, Volume 1	
166.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje isparljivih kiselina volumetrijski** *Determination of volatile acidity – volumetric method*		**Method OIV-MA-AS313-02 Volatile Acidity. Compendium of international methods of wine and must analysis, International Organisation of Vine and Wine, Ed.2016, Vol. 1**	L1
167.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje redukujućih supstanci volumetrijski** *Determination of reducing substances - volumetric method*		**Method OIV-MA-AS311-01A Reducing substances. Compendium of international methods of wine and must analysis, International Organisation of Vine and Wine, Edition 2016, Volume 1**	L1
168.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-*	**Određivanje ukupne kiselosti volumetrijski** *Determination of*		**Method OIV-MA-AS313-01 Total acidity. Compendium**	L1

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		chemical analysis	*total acidity- volumetric method*		**of international methods of wine and must analysis, International Organisation of Vine and Wine, Edition 2016, Volume 1.**	
169.	**Vino** *Wine*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje ukupnog ekstrakta indirektno iz gustine vina** *Determination of total dry matter indirectly from the wine's density*		**Method OIV-MA-AS2-03B Total dry matter. Compendium of international methods of wine and must analysis, International Organisation of Vine and Wine, Edition 2016, Volume 1**	L1
170.	**Sokovi, sirupi i osvježavajuća bezalkoholna pića** *Juices, syrups and non-alcoholic beverages*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje sadržaja vještačkih zaslađivača HPLC metodom** *Determination of artificial sweeteners by HPLC method*		**Merck KgaA Application Note 900727 (HPLCMERCK 02)**	L1
171.	**Sokovi, sirupi i osvježavajuća bezalkoholna pića** *Juices, syrups and non-alcoholic beverages*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje sadržaja benzoeve i sorbinske kiseline u osvježavajućim bezalkoholnim pićima, voćnim sokovima, nektarima i**		**Validation of analytical method for determination of sorbic acid and benzoic acid in juice and carbonated**	L1

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			srodnim proizvodima metodom HPLC-DAD *Determination of the content of benzoic and sorbic acid in refreshing non-alcoholic drinks, fruit juices, nectars and related products by HPLC-DAD method*		**beverages-Gomaa, A.M., Amer, M.E., Att Alah, E.R. and Abo Elhassan, A.F(Journal of Applied Sciences Researches, 9(3):1472-1476,2013 (TH-BSK-01)**	
172.	**Maslinovo ulje** *Olive oil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje slobodnih masnih kiselina kiselo-baznom titracijom (hladna metoda)** *Dertermination of free faty acids by acid-base titration (cold method)*		**Commision Reg. (EEC) No 2568/91 of 11 July 1991 on the characteristics of olive oil and olive-residue oil and on the relevant methods of analysis (OJ L 248, 5.9.1991, p. 1), Annex II, pg. 24-26**	L1
173.	**Maslinovo ulje** *Olive oil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje peroksidnog broja jodometrijski** *Determination of peroxide value by iodometry*		**Commission Regulation (EEC) No 2568/91 of 11 July 1991 on the characteristics of olive oil and olive-residue oil and on the relevant**	L1

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					methods of analysis (OJ L 248, 5.9.1991, p.1), Annex III, pg. 27-28	
174.	**Maslinovo ulje** *Olive oil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Spektrofotometrijska analiza u ultraljubičastom području – Određivanje K_{232}, K_{268} i ΔK** *Spectrophotometric investigation in ultraviolet - Determination of K_{232}, K_{268} i ΔK*		**Commission Regulation (EEC) No 2568/91 of 11 July 1991 on the characteristics of olive oil and olive-residue oil and on the relevant methods of analysis (OJ L 248, 5.9.1991, p.1), Annex IX, pg. 56-57**	L1
175.	**Ulja i masti biljnog i životinjskog porijekla** Oil and fats of vegetable and animal origin	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje metil estara masnih kiselina u uljima i mastima biljnog i životinjskog porijekla metodom gasne hromatografije** *Determination of faty acids methyl esters in oils and fats of plant and animal origin by gas chromatography method*		**MEST EN ISO 12966-2:2017**	L1
176.	**Vazduh – kvalitet**	**Fizičko-hemijska**	****Određivanje olova, kadmijuma,**	L.D. (Pb): 15 ng/m^3	**MEST EN 14902:2011**	L1

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	vazduha ambijenta *Air – ambient air quality*	**ispitivanja** *Physical-chemical analysis*	**arsena i nikla u frakciji PM10 suspendovanih čestica primjenom atomske apsorpcione spektrofotometrije sa grafitnom pećи (GFAAS)** ***Measurement of lead, cadmium, arsenic and nickel in the PM10 fraction of suspended particulate matter by graphite furnace atomic absorptionspectrophotometry (GFAAS)*	L.D. (Cd): 3 ng/m^3 L.D. (As): 3 ng/m^3 L.D. (Ni): 1 ng/m^3		
177.	**Vazduh – kvalitet vazduha ambijenta** *Air – ambient air quality*	**Hemijska ispitivanja** *Chemical testing*	**Određivanje olova, kadmijuma, arsena i nikla u frakciji PM10 suspendovanih čestica primjenom primjenom masene spektrometrije sa indukovano spregnutom plazmom (ICP-MS)** Determination of lead, cadmium, of arsenic and nickel in the PM10 fraction of suspended particles using inductively	LD Pb 5 ng/m^3 LD Cd 0.5 ng/m^3 LD As 0.5 ng/m^3 LD Ni 1 ng/m^3	**MEST EN 14902:2011**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			coupled plasma mass spectrometry (ICP-MS)			
178.	**Vazduh – kvalitet vazduha ambijenta** Air – ambient air quality	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Gravimetrijsko određivanje masene frakcije PM2,5 ili PM10 suspendovanih čestica** *Gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter*		**MEST EN 12341:2016**	L1
179.	**Vazduh – kvalitet vazduha ambijenta** *Air – ambient air quality*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	****Određivanje koncentracije benzo(a)pirena u vazduhu ambijenta** ***Measurement of the concentration of benzo(a)pyrene in ambient air*		**MEST EN 15549:2011**	L1
180.	**Vazduh – kvalitet vazduha ambijenta** Air – ambient air quality	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje koncentracije benzena - Automatsko uzorkovanje pumpom sa gasnom hromatografijom na licu mjesta** **Measurement of benzene concentration –*		**MEST EN 14662-3:2017**	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			Automated pumped sampling with in situ gas chromatography			
181.	**Vazduh – kvalitet vazduha ambijenta** Air – ambient air quality	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje ugljen monoksida u vazduhu - nedisperzivna infracrvena spektroskopija** *******Measurement of the concentration of carbon monoxide in the air - non-dispersive infrared spectroscopy*		**MEST EN 14626:2014**	
182.	**Vazduh – kvalitet vazduha ambijenta** Air – ambient air quality	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje azot dioksida i azot monoksida u vazduhu - hemiluminiscencija** **Measurement of the concentration of nitrogen dioxide and nitrogen monoxide in the air- chemiluminescence*		**MEST EN 14211:2014**	
183.	**Vazduh – kvalitet vazduha ambijenta** *Air – ambient air quality*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje ozona u vazduhu - ultraljubičasta fotometrija** **Measurement of the concentration of ozone in the air - ultraviolet photometry*		**MEST EN 14625:2014**	
184.	**Vazduh – kvalitet vazduha**	**Fizičko-hemijska ispitivanja**	***Određivanje sumpor dioksida u vazduhu -**		**MEST EN 14212:2014**	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	ambijenta *Air – ambient air quality*	*Physical-chemical analysis*	**ultraljubičasta fluorescencija** **Measurement of the concentration of sulphur dioxide in the air - ultraviolet fluorescence*			
185.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje masene koncentracije ugljen monoksida (CO) - nedisperzivna** infracrvena spektrometrija **Determination of the mass concentration of carbon monoxide (CO) - non-dispersive infrared spectrometry*		**MEST EN 15058:2017**	
186.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje masene koncentracije oksida azota- hemiluminiscencija** **Determination of mass concentration of nitrogen oxides - chemiluminescence*		**MEST EN 14792:2017**	
187.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje zapreminske koncentracije kiseonika (O2) - paramagnetizam** **Determination of volume concentration of*		**MEST EN 14789:2017**	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			oxygen (O2) - paramagnetism			
188.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje masene koncentracije sumpor dioksida- automatska mjerna metoda** **Determination of the mass concentration of sulfur dioxide – automated measuring methods*		**MEST CEN/TS 17021:2019**	
189.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje masene koncentracije ukupnog gasovitog organskog ugljenika pri niskim koncentracijama u dimnim gasovima – Metoda kontinualne plameno jonizacione detekcije** **Determination of the mass concentration of total gaseous organic carbon - Continuous flame ionisation detector method*		**MEST EN 12619:2013**	
190.	**Vazduh - emisije iz stacionarnih**	**Fizičko-hemijska ispitivanja**	****Određivanje prašine u opsegu niskih masenih**		**MEST EN 13284-1:2018**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	izvora *Air- stationary source emissions*	*Physical-chemical analysis*	**koncentracija - manuelna gravimetrijska metoda** ** *Determination of low range mass concentration of dust - manual gravimetric method*			
191.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	****Određivanje ukupne emisije As, Cd, Cr, Co, Cu, Mn, Pb, Sb, Ti, V primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** ***Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, TI and V by inductively coupled plasma-optical emission spectrometry (ICP-OES*)	L.D.(As): 0,35 µg/m³ L.D.(Cd): 0,02 µg/m³ L.D.(Cr): 0,04 µg/m³ L.D.(Co): 0,04 µg/m³ L.D.(Cu): 0,02 µg/m³ L.D.(Mn): 0,002 µg/m³ L.D.(Ni): 0,08 µg/m³ L.D.(Pb): 0,45 µg/m³ L.D.(Sb): 0,12 µg/m³ L.D.(Tl): 0,36 µg/m³ L.D.(V): 0,02 µg/m³	**MEST EN 14385:2011**	L1
192.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	****Određivanje gasovitih i čestično vezanih policikličnih aromatičnih ugljovodonika** ***Determination of gas and particle-*		**ISO 11338-1:2003 ISO 11338-2:2003**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			phase polycyclic aromatic hydrocarbons			
193.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Mjerenje brzine i zapreminskog protoka gasne struje u kanalima** **Measurement of velocity and volume flowrate of gas streams in ducts*		**ISO 10780:1994**	
194.	**Vazduh - emisije iz stacionarnih izvora** *Air- stationary source emissions*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	***Određivanje vodene pare u ventilacionim otvorima** **Determination of the water vapour in ducts*		**MEST EN 14790:2017**	
195.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje elemenata rastvornih u carskoj vodi primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** *Determination of elements in aqua regia by inductively coupled plasma-optical emission spectrometry (ICP-OES)*	Cd (0,2-400) mg/kg Pb (1-400)mg/kg Co (1-400)mg/kg Cr (0,2-400)mg/kg Ni (0,2-400)mg/kg Cu (0,2-400) mg/kg Zn (0,2-400) mg/kg Mo (1-200) mg/kg As (2-200) mg/kg B (0,5-200) mg/kg	**EPA 3051a Microwave assisted acid digestion of sediments, sludges, soils and oils**	L1
196.	**Sediment/**	**Fizičko-**	**Određivanje žive**	L.D.: 0,0001	**Organic**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
	Zemljište *Sediment/Soil*	**hemijska ispitivanja** *Physical-chemical analysis*	**živinim analizatorom** *Determination of mercury by mercury analyzer*	mg/kg	**application note Leco AMA 254, Form no. 203-823-112, Leco corporation, 1999. (AMA-112)**	
197.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje sadržaja organokalajnih jedinjenja – metoda gasne hromatografije** *Determination of organotin compounds* - gas chromatographic method	L.D.: 0,004 mg/kg	**MEST EN ISO 23161:2020, mod.**	L1
198.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje organofosfornih pesticide** *Determination of organophosphorine pesticides*		**EPA Method 8270 D- Semivolatile organic compounds by gas chromatography / mass spectrometry (GC/MS)**	L1
199.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje organohlornih pesticide** *Determination of organochlorine pesticides*	L.D.: 0.01-0.03 mg/kg	**EPA Method 8270 D- Semivolatile organic compounds by gas chromatography / mass**	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					spectrometry (GC/MS)	
200.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje organohlornih pesticide** *Determination of organochlorine pesticides*		**EPA Method 8080 A- Oragnochlorine pesticides and polychlorinated biphenyls bay gas chromatography**	L1
201.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje policikličnih aromatskih ugljovodonika** *Determination of polycyclic aromatic hydrocarbons*		**EPA Method 8270 D- Semivolatile organic compounds by gas chromatography /mass spectrometry (GC/MS)**	L1
202.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje polihlorovanih bifenila** *Determination of polichlorinated byphenils*		**EPA Method 8270 D- Semivolatile organic compounds by gas chromatography /mass spectrometry (GC/MS)**	L1
203.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje polihlorovanih bifenila** *Determination of polichlorinated byphenils*		**EPA Method 8080 A- Organochlorine pesticides and polychlorinated biphenyls bay**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					gas chromatography	
204.	**Sediment/ Zemljište** *Sediment/Soil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje ukupnog sadržaja aluminijuma, arsena, kadmijuma, kobalta, hroma, bakra, gvožđa, mangana, nikla, olova, vanadijuma i cinka** *Determination of the total content of aluminium, arsenic, cadmium, cobalt, chromium, copper, iron, manganese, nickel, lead, vanadium* and zinc		**Training workshop on the analysis of trace metals in biological and sediment samples, Laboratory Procedure Book, International Atomic Energy Agency Marine Environment Laboratory**	L1
205.	**Otpad** *Waste*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje sadržaja policikličnih aromatskih ugljovodonika (PAH) u otpadu - gasna hromatografija sa masenom spektrometrijom (GC/MS)** *Determination of polycyclic aromatic hydrocarbons (PAH) in waste by GC/MS*		**MEST EN 15527:2018, mod.**	L1
206.	**Otpad** *Waste*	**Fizičko-hemijska**	**Određivanje ukupnog sadržaja**	L.D.(Cd): 0,07 mg/kg	**MEST EN 13656:2018**	L1

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		ispitivanja *Physical-chemical analysis*	**kadmijuma, kobalta, bakra, nikla, mangana, olova i cinka u otpadu primjenom indukovano spregnute plazme – optičke emisione spektrometrije (ICP-OES)** *Determination of total content of cadmium, cobalt, copper, nickel, manganese, lead and zinc in waste by inductively coupled plasma- optical emission spectrometry (ICP-OES)*	L.D.(Co): 2 mg/kg L.D.(Cu): 1 mg/kg L.D.(Ni): 0,3 mg/kg L.D.(Mn): 0,5 mg/kg L.D.(Pb): 2 mg/kg L.D.(Zn): 1 mg/kg L.D.(Ba): 5 mg/kg L.D.(As): 1 mg/kg L.D.(Cr): 5 mg/kg	**EPA 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Spectrometry**	
207.	**Transformatorska ulja** *Transformer oil*	**Fizičko-hemijska ispitivanja** *Physical-chemical analysis*	**Određivanje sadržaja polihlorovanih bifenila(PCB) u transformatorskim uljima - gasna hromatografija sa kapilarnom kolonom** *Determination of polichlorinated byphenils (PCB) in transformer oil by capillary column gas chromatography*		**MEST EN 61619:2013**	L1
208.	**Transformatorska ulja** *Transformer oil*	**Fizičko-hemijska ispitivanja**	**Kvalitativno određivanje prisusutva**		**EPA Method 9079-Screening test method for**	L1

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		Physical-chemical analysis	**Polihlorovanih bifenila u transformatorskom ulju skrining metodom** *Qualitative determination of polychlorinated biphenyls in transformer oil by screening method*		**polychlorinated biphenyls in transformer oil**	
209.	**Voda** *Water*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Gamaspektrometrijska ispitivanja – ispitivanje sadržaja radionuklida u vodi** *Gammaspectrometric measurements in water – measurements of radionuclides in water*	L.D: 1 x 10^{-3} Bq/l	**"Measurement of Radionuclides in Food and the Environment, A Guidebook" IAEA Technical Reports Series No. 295. 1989.**	L1
210.	**Voda** *Water*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Ispitivanje sadržaja tricijuma (3H) u vodi** *Measurements of Tritium in water*	LD: 2 Bq/l	**ASTM D4107 – 08 Standard Test Method for Tritium in Drinking Water**	L1
211.	**Voda** *Water*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Određivanje ukupne alfa i ukupne beta aktivnosti u vodi** *Determination of Gross Alpha and Gross Beta radioactivity in water*	Alfa/*Alpha*: LD: 0.001 Bq/l Beta: LD: 0.001 Bq/l	**US EPA Method 900.0: Gross Alpha and Gross Beta Radioactivity in Drinking Water**	L1
212.	**Vazduh**	Ispitivanja	**Gamaspektrometr**	L.D: 9 x 10^{-6}	**"Measurement**	L1

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	Air	radioaktivnosti *Testing of radioactivity*	**ijska ispitivanja – Ispitivanje sadržaja radionuklida u vazduhu** *Gammaspectrometric measurements in air – measurements of radionuclides in air*	Bq/m^3	**of Radionuclides in Food and the Environment, A Guidebook" IAEA Technical Reports Series No. 295. 1989.**	
213.	**Vazduh** *Air*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Ispitivanje sadržaja ^{222}Rn i ^{220}Rn u vazduhu** *Measurements of ^{222}Rn and ^{220}Rn in the air*	L.D.: 4 Bq/m^3	**US Environmental Protection Agency Office of Air and Radiation(6604 J): "Indor Radon and Radon Dacay Product Measuremnt Device Protocols" EPA 402-R-92-004, July 1992 (revised)**	L1
214.	**Vazduh** *Air*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Ispitivanje sadržaja ^{222}Rn u vazduhu detektorima tragova CR39** *Measurements of ^{222}Rn in air by CR 39 detector*	LD: 5.6 Bq/m^3	**ISO 11665-4:2021**	L1
215.	**Vazduh** *Air*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Ispitivanje sadržaja ^{222}Rn u vazduhu Elektretima** *Measurements of*	LD: 7 Bq/m^3	**ISO 11665-4:2021**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
			^{222}Rn in the air by Electrets			
216.	**Zemljište** *Soil*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Gamaspektrometrijska ispitivanja – Ispitivanje sadržaja radionuklida u zemljištu** *Gammaspectrometric measurements in soil – measurements of radionuclides in soil*	L.D: 0.1 Bq/kg	**"Measurement of Radionuclides in Food and the Environment, A Guidebook" IAEA Technical Reports Series No. 295. 1989. EML Procedures Manual HASL 300, 28 Edition – U.S. Department of Energy, Environmental Measurements Laboratory**	L1
217.	**Hrana** *Food*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Gamaspektrometrijska ispitivanja – Ispitivanje sadržaja radionuklida u hrani** *Gammaspectrometric measurements in food – measurements of radionuclides in food*	L.D: 0.1 Bq/kg	**Measurement of Radionuclides in Food and the Environment, A Guidebook" IAEA Technical Reports Series No. 295. 1989**	L1
218.	**Građevinski material** *Building material*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Gamaspektrometrijska ispitivanja – Ispitivanje sadržaja radionuklida u**	L.D: 0.1 Bq/kg	**"Measurement of Radionuclides in Food and the Environment,**	L1

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			građevinskom materijalu *Gammaspectrometric measurements in building material – measurements of radionuclides content in building materials*		**A Guidebook" IAEA Technical Reports Series No. 295. 1989.**	
219.	**Spoljašnje zračenje** *External radiation*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	***Dozimetrijska mjerenja** **Dosimetric measurements*	L.D: 0.01 x 10^{-6} Gy/h	**interno razvijena metoda** *in-house method* **ZZM-DM-SZ**	
220.	**Izvori jonizujućih zračenja** *Sources of ionising radiation*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	***Dozimetrijska mjerenja** **Dosimetric measurements*		**Pravilnik o uslovima za promet i korišćenje radioaktivnih meterija, rendgen aparata i drugih uređaja koji proizvode jonizujuća zračenja ("Sl. list SRJ", br. 32/98)** *Rulebook on conditions for traffic and use of radioactive material and other devices which generate ionising radiation ("Off. gazette of FRY", No. 32/98)* **Barracuda &**	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					QABrowser-Reference manual – Version 3.2A	
221.	**Nivo kontaminacije radnih i boravišnih površina i životne sredine/ dekontaminacija** *Contamination in the workplaces and environment/ decontamination*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	***Dozimetrijska mjerenja, Gamaspektrometrijska ispitivanja – Ispitivanje sadržaja radionuklida** **Dosimetric measurement, Gammaspectrometric measurements – measurements of radionuclides*	L.D: 1 Bq/m^2	**Pravilnik o granicama radioaktivne kontaminacije životne sredine i o načinu sprovođenja dekontaminacije ("Sl. list SRJ", br. 9/99)** *Rulebook on limits of radioactive contamination of environment and its decontamination ("Sl. list SRJ", br. 9/99)* **New Methods and Tehniques for decontamination in maintenance or decommisiioning operations IAEA TECDDOC 1022 1998**	
222.	**Nivo ličnog ekvivalenta doze Hp(10)** *Personal dose equivalent Hp(10)*	**Ispitivanja radioaktivnosti** *Testing of radioactivity*	**Termoluminiscentna dozimetrija** *Thermoluminescence dosimetry*	L.D.: 50 μSv	**IAEA Safety standards series Assessment of occupational radiation**	L1

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					protection No GSG – 7	
223.	**Buka** *Noise*	**Akustička ispitivanja** *Acoustic measurements*	***Mjerenje buke u životnoj sredini** **The measurement of environmental noise*	Opseg/*Range*: 20-130 dB	**MEST ISO 1996-1:2018 MEST ISO 1996-2:2018**	
224.	**Buka** *Noise*	**Akustička ispitivanja** *Acoustic measurements*	*Mjerenje buke u radnoj sredini **The measurement of noise in the workplace*	Opseg/*Range*: 20-130 dB	**MEST EN ISO 9612:2009**	
225.	**Površinske, podzemne, morske i otpadne vode** *Surface, underground, sea and waste water*	**Uzorkovanje** *Sampling*	***Uzorkovanje za potrebe fizičko hemijskih ispitivanja** **Sampling for physical and chemical analysis*		**MEST EN ISO 5667-1:2023 MEST EN ISO 5667-3:2020 MEST ISO 5667-4:2020 MEST EN ISO 5667-6:2017 MEST EN ISO 5667-6:2017 /A11:2023 MEST ISO 5667-10:2021 MEST ISO 5667-11:2017**	
226.	**Zemljište, sediment** *Soil, sediment*	**Uzorkovanje** *Sampling*	***Uzorkovanje za potrebe fizičko hemijskih ispitivanja** **Sampling for physical and chemical analysis*		**ISO 18400-101:2017 ISO 18400-102:2017 ISO 18400-103:2017 ISO 18400-104:2018 ISO 18400-202:2018 ISO 18400-203:2018 ISO 18400-205:2018**	

Red Br. *No.*	**Predmet ispitivanja/ materijal/ proizvod** *Testing item/ material/product*	**Oblast ispitivanja** *Field of testing*	**Vrsta ispitivanja i/ili karakteristika koja se mjeri (tehnika ispitivanja)** *Type of test and/or property measured (testing technique)*	**Opseg mjerenja (gdje je primjenjivo)** *Measuring range (where applicable)*	**Referentni dokument** *Reference document*	**Lokacija** *Location*
					MEST EN ISO 5667-19:2012	

1) **Lista pesticida** / *List of pesticides* - **GC-MS/MS tehnika** (za metodu br.149 / *for method N^{o}149)*:

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
1.	Dichlorvos	Organophosphorous
2.	Allidochlor	Acetamide
3.	Dichlobenil	Benzonitrile
4.	Biphenyl	Aromatic hydrocarbon
5.	Mevinphos-1	Organophosphorous
6.	Mevinphos-2	Organophosphorous
7.	Etridiazole	Aromatic hydrocarbon
8.	Pebulate	Thiocarbamate
9.	Phtalimide	Phthalimide
10.	N-(2,4-dimethylphenyl) formamide	/
11.	THPI (Tetrahydrophthalimide)	Phthalimide
12.	Methacrifos	Organophosphorous
13.	Chloroneb	Organochlorine
14.	Pentachlorobenzene	Organochlorine
15.	2-Phenylphenol	Aromatic hydrocarbon
16.	2-methoxybiphenyl	Aromatic hydrocarbon
17.	Tecnazene	Aromatic hydrocarbon
18.	Propachlor	Chloroacetamide
19.	2,3,5,6-Tetrachloroaniline	Aromatic hydrocarbon
20.	Diphenylamine	Aromatic hydrocarbon
21.	Cycloate	Thiocarbamate
22.	Ethalfluralin	Dinitroaniline
23.	Chlorpropham	Carbamate
24.	Trifluralin	Dinitroaniline
25.	Sulfotep	Organophosphorous
26.	Benfluralin	Dinitroaniline
27.	Phorate	Organophosphorous

28.	Di-allate-1	Thiocarbamate
29.	Di-allate-2	Thiocarbamate
30.	alpha-BHC	Organochlorine
31.	beta-BHC	Organochlorine
32.	gamma-BHC (Lindane)	Organochlorine
33.	delta-BHC	Organochlorine
34.	Hexachlorobenzene	Organochlorine

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
35.	Pentachloroanisole	Organochlorine
36.	Quintozene	Organochlorine
37.	Atrazine	Triazine
38.	Clomazone	Isoxazolidinone
39.	Pentachlorobenzonitrile	Organochlorine
40.	Terbufos	Organophosphorous
41.	Fonofos	Organophosphorous
42.	Terbuthylazine	Triazine
43.	Profluralin	Toluidines
44.	Propyzamide	Benzamide
45.	Chlorothalonil	Chloronitrile
46.	Pyrimethanil	Anilinopyrimidine
47.	Diazinon	Organophosphorous
48.	Fluchloralin	Dinitroaniline
49.	Disulfoton	Organophosphorous
50.	Terbacil	Uracil
51.	Isazofos	Phosphorothiolate
52.	Tri-allate	Thiocarbamate
53.	Tefluthrin	Pyrethroid
54.	Pentachloroaniline	Organochlorine
55.	Dimethachlor	Chloroacetamide
56.	Metribuzin	Triazinone
57.	Chlorpyrifos-methyl	Organophosphorous
58.	Acetochlor	Chloroacetamide
59.	Parathion-methyl	Organophosphorous
60.	Vinclozolin	Dicarboximide
61.	Tolclofos-methyl	Aromatic hydrocarbon
62.	Alachlor	Chloroacetamide
63.	Heptachlor	Organochlorine
64.	Propisochlor	Chloroacetamide

65.	Metalaxyl (Mefenoxam)	Acylalanine
66.	Transfluthrin	Pyrethroid
67.	Fenchlorphos	Organophosphorous
68.	Pentachlorothioanisole	Organochlorine
69.	Fenitrothion	Organophosphorous
70.	Pirimiphos-methyl	Organophosphorous
71.	Dichlofluanid	Sulphamide

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
72.	Prodiamine	Dinitroaniline
73.	Malathion	Organophosphorous
74.	Metolachlor (S-Metolachlor)	Chloroacetanilide
75.	Aldrin	Organochlorine
76.	Anthraquinone	Quinone
77.	Chlorpyrifos	Organophosphorous
78.	Fenthion	Organophosphorous
79.	Chlorthal-dimethyl	Benzenedicarboxylic acid/ester
80.	Parathion	Organophosphorous
81.	isocarbophos	Organophosphorous
82.	Triadimefon	Triazole
83.	Dicofol	Organochlorine
84.	4,4'-Dichlorobenzophenone	Organochlorine (metabolite)
85.	Tetraconazole	Triazole
86.	Fenson	Benzenesulfonate
87.	Bromophos	Organophosphorous
88.	Diphenamid	Alkanimide
89.	MGK 264-1	Synergist
90.	MGK 264-2	Synergist
91.	Isodrin	Organochlorine
92.	Pirimiphos ethyl	Organophosphorous
93.	Isopropalin	Dinitroaniline
94.	Pendimethalin	Dinitroaniline
95.	Metazachlor	Chloroacetamide
96.	Cyprodinil	Anilinopyrimidine
97.	(E)-Chlorfenvinphos	Organophosphorous
98.	(Z)-Chlorfenvinphos	Organophosphorous
99.	Heptachlor-exo-epoxide	Organochlorine
100.	Penconazole	Triazole
101.	Tolylfluanid	Sulphamide
102.	Fipronil	Phenylpyrazole

103.	Chlozolinate	Dicarboximide
104.	Bromfenvinfos-methyl	Organophosphorous
105.	Quinalphos	Organophosphorous
106.	Procymidone	Dicarboximide
107.	Triadimenol-1	Triazole
108.	Triflumizole	Imidazole

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
109.	trans-Chlordane	Organochlorine
110.	cis-Chlordane	Organochlorine
111.	Methidathion	Organophosphorous
112.	Chlorbenside	Organochlorine
113.	Bromophos-ethyl	Organophosphorous
114.	o,p'-DDE	Organochlorine
115.	p,p'-DDE	Organochlorine
116.	o,p'-DDD	Organochlorine
117.	p,p'-DDD	Organochlorine
118.	o,p'-DDT	Organochlorine
119.	p,p'-DDT	Organochlorine
120.	Paclobutrazol	Triazole
121.	Tetrachlorvinphos	Organophosphorous
122.	alpha-Endosulfan	Organochlorine
123.	beta-Endosulfan	Organochlorine
124.	Endosulfan sulfate	Organochlorine
125.	Endosulfan ether	Organochlorine
126.	trans-Nonachlor	organochlorine
127.	Mepanipyrim	Anilinopyrimidine
128.	Flutriafol	Triazole
129.	Picoxystrobin	Strobilurin
130.	Bromfenvinphos	Organophosphorous
131.	Iodofenphos	Organophosphorous
132.	Chlorfenson	Bridged Diphenyl
133.	Fenamiphos	Organophosphorous
134.	Hexaconazole	Triazole
135.	Flutolanil	Oxathiin
136.	Prothiofos	Organophosphorous
137.	Isoprothiolane	Phosphorothiolate
138.	Profenofos	Organophosphorous
139.	fipronil sulphone	Pyrazoles
140.	Dieldrin	Organochlorine

141.	Oxadiazon	Oxadiazole
142.	Myclobutanil	Triazole
143.	Flusilazole	Triazole
144.	Bupirimate	Pyrimidinol
145.	Oxyfluorfen	Diphenyl ether

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
146.	Kresoxim-methyl	Strobilurin
147.	Chlorfenapyr	Pyrazole
148.	Cyflufenamid	Amide
149.	Endrin	Organochlorine
150.	Cyflufenamid	Amide
151.	Nitrofen	Organochlorine
152.	Chlorthiophos-1	Organophosphorous
153.	1,1-Dichloro-2,2-bis(4-ethylphenyl) ethane	/
154.	Fluazifop-P-butyl	Aryloxyphenoxypropionic acid/ester
155.	Chlorthiophos-2	Organophosphorous
156.	Chlorobenzilate	Organochlorine
157.	fenthion sulfone	Organophosphorous
158.	cis-Nonachlor	Organochlorine
159.	Oxadixyl	Phenylamide
160.	Aclonifen	Diphenyl ether
161.	Ethion	Organophosphorous
162.	Chlorthiophos-3	Organophosphorous
163.	Endrin aldehyde	Organochlorine
164.	Triazophos	Organophosphorous
165.	Sulprofos	Organophosphorous
166.	Benalaxyl	Acylalanine
167.	Carbophenothion	Organophosphorous
168.	Carfentrazone-ethyl	Triazolinone
169.	Edifenphos	Phosphorothiolate
170.	4,4'-methoxychlor olefin	Organochlorine
171.	Quinoxyfen	Quinoline
172.	Lenacil	Uracil
173.	Fenhexamid	Hydroxyanilide
174.	Hexazinone	Triazinone
175.	2,4'-Methoxychlor	Organochlorine
176.	Tebuconazole	Triazole
177.	Propargite-1	Sulfie ester

178.	Propargite-2	Sulfie ester
179.	Resmethrin-1	Pyrethroid
180.	Resmethrin-2 (Bioresmethrin)	Pyrethroid
181.	Nitralin	Dinitroaniline
182.	Epoxiconazole	Triazole

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
183.	Zoxamide	Benzamide
184.	Endrin ketone	Organochlorine
185.	Pyridaphenthion	Organophosphorous
186.	Iprodione	Dicarboximide
187.	Bromuconazole-1	Triazole
188.	Bromuconazole-2	Triazole
189.	Phosmet	Pyrethroid
190.	Tetramethrin-1	Pyrethroid
191.	Tetramethrin-2	Pyrethroid
192.	EPN	Organophosphorous
193.	Bromopropylate	Benzilate
194.	Bifenthrin	Pyrethroid
195.	Methoxychlor	Organochlorine
196.	Etoxazole	/
197.	Fenamidone	Imidazole
198.	Fenpropathrin	Pyrethroid
199.	Tebufenpyrad	Pyrazole
200.	Bifenox	Diphenyl ether
201.	Fenazaquin	Quinazoline
202.	Phenothrin-1	Pyrethroid
203.	Phenothrin-2	Pyrethroid
204.	Tetradifon	Diphenylsulfone
205.	Triticonazole	Triazole
206.	Phosalone	Organophosphorous
207.	Leptophos	Phenylphosphonothioate
208.	Azinphos-methyl	Organophosphorous
209.	Pyriproxyfen	Juvenile hormon mimic
210.	Mirex	Organochlorine
211.	lambda-Cyhalothrin	Pyrethroid
212.	Fenarimol	Pyrimidine
213.	Pyrazophos	Phosphorothiolate
214.	Acrinathrin-2	Pyrethroid

215.	Azinphos-ethyl	Phosphorothiolate
216.	Metrafenone	Benzophenone
217.	Spirodiclofen	Tetronic acid
218.	Bitertanol-1	Triazole
219.	Bitertanol-2	Triazole

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
220.	cis-Permethrine	Pyrethroid
221.	trans-Permethrine	Pyrethroid
222.	Coumaphos	Phosphorothiolate
223.	Fluquinconazole	Triazole
224.	Pyridaben	Organochlorine
225.	Fenbuconazole	Triazole
226.	Cyfluthrin-1	Pyrethroid
227.	Cyfluthrin-2	Pyrethroid
228.	Cyfluthrin-3	Pyrethroid
229.	Cyfluthrin-4	Pyrethroid
230.	Cypermethrin-1	Pyrethroid
231.	Cypermethrin-2	Pyrethroid
232.	Cypermethrin-3	Pyrethroid
233.	Cypermethrin-4	Pyrethroid
234.	Flucythrinate-1	Pyrethroid
235.	Flucythrinate-2	Pyrethroid
236.	Etofenprox	Pyrethroid
237.	Fenvalerate-1	Pyrethroid
238.	Fenvalerate-2	Pyrethroid
239.	tau-Fluvalinate-1	Pyrethroid
240.	tau-Fluvalinate-2	Pyrethroid
241.	Deltamethrin	Pyrethroid
242.	Dimethomorph-1	Morpholine
243.	Dimethomorph-2	Morpholine
244.	Famoxadone	Strobilurin

2) Lista pesticida / *List of pesticides* - **LC-MS/MS tehnika** (za metodu br.150 / *for method N^{O}150)*:

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
1	3-Chloroaniline	/
2	Acephate	organophosphate
3	Acetamiprid	Neonicotinoids
4	Acibenzolar-S-methyl	Benzothiadiazole
5	Alanycarb	Oxime carbamate
6	Ametryn	Triazines
7	Aminocarb	Carbamate
8	Amitraz	Amidine
9	Atrazine	Triazines
10	Azoxystrobin	Strobilurins
11	Benalaxyl	Acylalanines
12	Bendiocarb	Carbamate
13	Benomil	Benzimidazoles
14	Bentazone	Benzothiadiazinone
15	Benzoximate	
16	Bifenazate	
17	Bitertanol	Triazole
18	Boscalid	Carboxamides
19	Bupirimate	Pyrimidinol
20	Buprofezin	Thiadiazines
21	Butafenacil	
22	Butocarboxim	Oxime carbamate
23	Butocarboxim-sulfone	Oxime carbamate
24	Carbendazim	Benzimidazoles
25	Carbetamide	Carbamates
26	Carbofuran	Carbamates
27	Carbofuran-3-hydroxy+NH4	Carbamates
28	Carbosulfan	Carbamates
29	Carboxin	Oxathiin
30	Carfentrazone-ethyl	Triazolinone
31	Chlorantraniliprole	Pyrazole
32	Chlorfenvinphos	Organophosphates
33	Chlorfluazuron	Benzoylurea
34	Chlorotoluron	Ureas
35	Chloroxuron	Ureas
36	Chlorpropham	Carbamate
37	Chlorpyrifos	Organophosphates
38	Chlorpyrifos-methyl	Organophosphates

39	Clethodim	Cyclohexanedione oxime
40	Clofentezine	Acaricides
41	Clomazone	Isoxazolidinone
42	Clothianidin	Neonicotinoids
43	Cyazofamid	
44	Cycluron	Ureas
45	Cyproconazole	Azoles
46	Cyprodinil	Anilinopyrimidines
47	Demeton-S-methyl-sulfone	Organophosphorous
48	Demeton-S-methyl-sulfoxide	Organophosphorous
49	Desmedipham	Bis-carbamate
50	Diclobutrazol	
51	Dicrotophos	Organophosphates
52	Diethofencarb	Carbamate
53	Difenoconazole	Azoles
54	Diflubenzuron	Benzoylureas
55	Diflufenican	Nicotinanilide
56	Dimethachlor	Chloroacetanilides
57	Dimethoate	Organophosphates
58	Dimethomorph	Morpholine
59	Dimoxystrobin	Strobilurins
60	Diniconazole	Azoles
61	Dinotefuran	Neonicotinoids
62	Dioxacarb	Carbamate
63	Diuron	Ureas
64	Doramectin*	
65	Emamectin benzoate *	
66	Epoxiconazole	Azoles
67	Eprinomectin*	
68	Etaconazole	Triazole
69	Ethiofencarb	Carbamate
70	Ethiprole	Phenylpyrazoles
71	Ethirimol	Morpholine
72	Ethofumesate	Benzofuran
73	Ethoprophos(ethoprop)	Organophosphates
74	Etoxazole	
75	Fenamidone	Imidazolinones
76	Fenamiphos	Organophosphates
77	Fenamiphos-sulfone	Organophosphates
78	Fenamiphos-sulfoxide	Organophosphates
79	Fenarimol	Pyrimidine
80	Fenazaquin	
81	Fenbuconazole	Triazole
82	Fenhexamid	Hydroxyanilide

83	Fenobucarb	Carbamate
84	Fenoxycarb	Carbamate
85	Fenpropimorph	Morpholines
86	Fenpyroximat	Pyrroles
87	Fenuron	Ureas
88	Fipronil	Phenylpyrazoles
89	Fipronil desulfinyl	Phenylpyrazoles
90	Fipronil sulfide	Phenylpyrazoles
91	Fipronil-sulfone	Phenylpyrazoles
92	Flonicamid	
93	Fluazifop-p-butyl	Pyrethroids
94	Fluazinam	Phenylpyridinamine
95	Flubendiamide	Benzenedicarboxamide
96	Fludioxonil	Phenylpyrroles
97	Flufenacet	Oxyacetamides
98	Flufenoxuron	Benzoylureas
99	Fluometuron	Phenylurea
100	Fluopicolide	Pyridinylmethyl-benzamide
101	Fluoxastrobin	Strobilurins
102	Fluquinoconazole	Azoles
103	Flurtamone	Isoxazolidinones
104	Flusilazole	Triazole
105	Flutolanil	Carboxamides
106	Flutriafol	Triazole
107	Forchlorfenuron	Phenylurea
108	Formetanate	Formamidine
109	Formetanate-hydrochloride	Formamidine
110	Fosthiazate	Nematicides
111	Fuberidazole	Benzimidazoles
112	Furalaxyl	Acylalanines
113	Halofenozide	Diacylhydrazines
114	Hexaconazole	Triazole
115	Hexaflumuron	Benzoylurea
116	Hexythiazox	Thiazolidinones
117	Hydramethylnon	
118	Imazalil	Imidazoles
119	Imidacloprid	Neonicotinoids
120	Indoxacarb	Oxadiazines
121	Ipconazole	Triazole
122	Iprovalicarb	Iprovalicarb
123	Isoprocarb	Carbamate
124	Isoproturon	Ureas
125	Isoxaflutole	Isoxazoles
126	Ivermectine*	Avermectin

127	Kresoxim-methyl	Strobilurins
128	Linuron	Ureas
129	Lufenuron	Benzoylurea
130	Malaoxon	Organophosphates
131	Malathion	Organophosphates
132	Mandipropamid	Carboxamides
133	Mefenacet	Oxyacetamides
134	Mepanipyrim	Anilinopyrimidines
135	Mepronil	Organophosphates
136	Mesotrione	Triketone
137	Metaflumizone	
138	Metalaxyl	Acylalanines
139	Metalaxyl-M	Acylalanines
140	Metconazole	Triazole
141	Methabenzthiazuron	Ureas
142	Methiocarb-sulfone	Carbamate
143	Methoprotryne	Methylthiotriazine
144	Methoxyfenozide	Diacylhydrazines
145	Methyl-paraoxon	Organophosphates
146	Metobromuron	Ureas
147	Metrafenone	Benzophenones
148	Metribuzin	Triazinone
149	Mevinphos	Organophosphorous
150	Mexacarbate	
151	Monolinuron	Ureas
152	Monuron	Ureas
153	Moxidectin	
154	Myclobutanil	Azoles
155	Neburon	Ureas
156	Nitenpyram	Neonicotinoids
157	Novaluron	Benzoylurea
158	Nuarimol	Pyrimidine
159	Oxadixyl	Phenylamide
160	Oxamyl+NH4	Carbamate
161	Oxydemeton-methyl	Organophosphates
162	Paclobutrazol	Triazole
163	Paraoxon-methyl	Organophosphorous
164	Penconazole	Triazole
165	Pencycuron	Aromatic hydrocarbons
166	Phenmedipham	Bis-carbamate
167	Phosmet-oxon	Organophosphate
168	Phoxim	Organophosphates
169	Picolinafen	Pyridinecarboxamides
170	Piperonyl butoxide	

171	Pirimicarb	Carbamates
172	Prochloraz	Imidazoles
173	Promecarb	Carbamate
174	Prometon	Triazines
175	Prometryn	Triazines
176	Propamocarb	Carbamates
177	Propargite	
178	Propham	Carbamate
179	Propiconazole	Azoles
180	Proquinazid	Quinazolinones
181	Prothioconazole	Azoles
182	Prothioconazole-desthio	Azoles
183	Pymetrozine	Pyridinecarboxamides
184	Pyracarbolid	
185	Pyraclostrobin	Strobilurins
186	Pyrazophos	Organophosphate
187	Pyrimethanil	Anilinopyrimidines
188	Pyriproxyfen	Juvenile hormone analogs
189	Quinoxyfen	Quinoline
190	Rotenone	
191	Secbumeton	
192	Siduron	Ureas
193	Silthiofam	Thiazolidinones
194	Simazine	Triazines
195	Simetryn	Methylthiotriazine
196	Spinetoram	
197	Spinosad A	Spinosyns
198	Spirodiclofen	Tetronic acid
199	Spirotetramat	
200	Spiroxamine	Morpholines
201	Sulfentrazone	Triazolinone
202	Tebuconazole	Azoles
203	Tebufenpyrad	Pyrazole
204	Tebuthiuron	Ureas
205	Temephos	Organophosphorous
206	Terbumeton	Triazines
207	Terbutryn	Triazines
208	Thiabendazole	Benzimidazoles
209	Thiacloprid	Neonicotinoids
210	Thiamethoxam	Neonicotinoids
211	Thidiazuron	Phenylurea
212	Thiobencarb	Thiocarbamate
213	Thiofanox	Oxime carbamate
214	Thiophanate-methyl	Benzimidazoles

215	Triadimefon	Triazole
216	Triadimenol	Azoles
217	Trichlorfon	Organophosphate
218	Tricyclazole	Reductase
219	Trifloxystrobin	Strobilurins
220	Triflumizole	Imidazoles
221	Triflumuron	Benzoylureas
222	Trifluralin	Dinitroanilines
223	Triticonazole	Triazole
224	Vamidothio	Organophosphorous
225	Warfarin	Rodenticides
226	Zoxamide	Benzamide

3) Lista pesticida / *List of pesticides* **- GC-MS/MS tehnika** (za metodu br.86 / *for method N^{O}86)*:

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
1.	Mevinphos-1	Organophosphorous
2.	Mevinphos-2	Organophosphorous
3.	N-(2,4-dimethylphenyl) formamide	/
4.	Pentachlorobenzene	Organochlorine
5.	2-Phenylphenol	Aromatic hydrocarbon
6.	Chlorpropham	Carbamate
7.	Trifluralin	Dinitroaniline
8.	alpha-BHC	Organochlorine
9.	beta-BHC	Organochlorine
10.	gamma-BHC (Lindane)	Organochlorine
11.	delta-BHC	Organochlorine
12.	Hexachlorobenzene	Organochlorine
13.	Pentachloroanisole	Organochlorine
14.	Fonofos	Organophosphorous
15.	Terbuthylazine	Triazine
16.	Pyrimethanil	Anilinopyrimidine
17.	Diazinon	Organophosphorous
18.	Disulfoton	Organophosphorous
19.	Dimethachlor	Chloroacetamide
20.	Chlorpyrifos-methyl	Organophosphorous
21.	Acetochlor	Chloroacetamide
22.	Parathion-methyl	Organophosphorous
23.	Vinclozolin	Dicarboximide
24.	Heptachlor	Organochlorine

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
25.	Fenitrothion	Organophosphorous
26.	Fenthion	Organophosphorous
27.	Pirimiphos-methyl	Organophosphorous
28.	Malathion	Organophosphorous
29.	Aldrin	Organochlorine
30.	Chlorpyrifos	Organophosphorous
31.	Parathion	Organophosphorous
32.	Tetraconazole	Triazole
33.	Bromophos	Organophosphorous
34.	Isodrin	Organochlorine
35.	Pirimiphos ethyl	Organophosphorous
36.	Pendimethalin	Dinitroaniline
37.	Cyprodinil	Anilinopyrimidine
38.	(E)-Chlorfenvinphos	Organophosphorous
39.	(Z)-Chlorfenvinphos	Organophosphorous
40.	Heptachlor-exo-epoxide	Organochlorine
41.	Fipronil	Phenylpyrazole
42.	Bromfenvinfos-methyl	Organophosphorous
43.	trans-Chlordane	Organochlorine
44.	cis-Chlordane	Organochlorine
45.	Methidathion	Organophosphorous
46.	o,p'-DDE	Organochlorine
47.	p,p'-DDE	Organochlorine
48.	o,p'-DDD	Organochlorine
49.	p,p'-DDD	Organochlorine
50.	o,p'-DDT	Organochlorine
51.	p,p'-DDT	Organochlorine
52.	alpha-Endosulfan	Organochlorine
53.	beta-Endosulfan	Organochlorine
54.	Endosulfan sulfate	Organochlorine
55.	trans-Nonachlor	organochlorine
56.	Flutriafol	Triazole
57.	Bromfenvinphos	Organophosphorous
58.	Chlorfenson	Bridged Diphenyl
59.	Fenamiphos	Organophosphorous
60.	Prothiofos	Organophosphorous
61.	fipronil sulphone	Pyrazoles
62.	Dieldrin	Organochlorine
63.	Myclobutanil	Triazole
64.	Flusilazole	Triazole
65.	Endrin	Organochlorine

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
66.	Chlorobenzilate	Organochlorine
67.	cis-Nonachlor	Organochlorine
68.	Ethion	Organophosphorous
69.	Triazophos	Organophosphorous
70.	2,4'-Methoxychlor	Organochlorine
71.	Tebuconazole	Triazole
72.	Resmethrin-1	Pyrethroid
73.	Resmethrin-2 (Bioresmethrin)	Pyrethroid
74.	Epoxiconazole	Triazole
75.	Endrin ketone	Organochlorine
76.	Iprodione	Dicarboximide
77.	Tetramethrin-1	Pyrethroid
78.	Tetramethrin-2	Pyrethroid
79.	EPN	Organophosphorous
80.	Bromopropylate	Benzilate
81.	Bifenthrin	Pyrethroid
82.	Methoxychlor	Organochlorine
83.	Phosalone	Organophosphorous
84.	Azinphos-methyl	Organophosphorous
85.	Mirex	Organochlorine
86.	lambda-Cyhalothrin	Pyrethroid
87.	Pyrazophos	Phosphorothiolate
88.	Azinphos-ethyl	Phosphorothiolate
89.	cis-Permethrine	Pyrethroid
90.	trans-Permethrine	Pyrethroid
91.	Coumaphos	Phosphorothiolate
92.	Fluquinconazole	Triazole
93.	Cyfluthrin-1	Pyrethroid
94.	Cyfluthrin-2	Pyrethroid
95.	Cyfluthrin-3	Pyrethroid
96.	Cyfluthrin-4	Pyrethroid
97.	Cypermethrin-1	Pyrethroid
98.	Cypermethrin-2	Pyrethroid
99.	Cypermethrin-3	Pyrethroid
100.	Cypermethrin-4	Pyrethroid
101.	Etofenprox	Pyrethroid
102.	Fenvalerate-1	Pyrethroid
103.	Fenvalerate-2	Pyrethroid
104.	tau-Fluvalinate-1	Pyrethroid
105.	tau-Fluvalinate-2	Pyrethroid
106.	Deltamethrin	Pyrethroid

R. Br. *No.*	**PESTICID** *PESTICIDE*	**GRUPA** *GROUP*
107.	Dimethomorph-1	Morpholine
108.	Dimethomorph-2	Morpholine
109.	Famoxadone	Strobilurin

Oznaka lokacije *Location code*	**Detalji o lokaciji (naziv i adresa)** *Location details (title and adress)*
L1	Laboratorija- Centar za ekotoksikološka ispitivanja, Bulevar Šarla de Gola br. 2, Podgorica

Legenda / *Legend*

Oznaka referentnog dokumenta *Reference document*	**Naziv metode / referenca** *Title of method / reference*
EP-GC/HS (izdanje/issue C od/from 03/2020)	Određivanje etanola u pivu metodom GC/FID-Head Space Determination of ethanol in beer by GC/FID-Head Space
ZZM-DM-SZ (izdanje/issue A, izmjena/amendment 1 od/from 03/2020)	Ispitivanje nivoa spoljašnjeg zračenja / Dokumentovana metoda za ispitivanje spoljašnjeg zračenja zasnovana na EML Procedures Manual HASL 300, 28 Edition - U.S. Department of Energy, Envi ronmental Measurements Laboratory Measurement of external radiation / Documented method for measurement of external radiation, based on EML Procedures Manual HASL 300, 28 Edition - U.S. Department of Energy, Environmental Measurements Laboratory
GH-196	Determination and Evaluation of Methanol, Ethanol and Higher Alcohols in Legally and Iliegally Produced Alcoholic Beverages, Destanoglu O, Ates I. JOTCSA 2019; 6(1):21-28

Ovaj obim važi samo uz Sertifikat o akreditaciji sa akreditacionim brojem Li 08.03 i identifikacionim brojem 0151 od 04.09.2024.

This Scope of accreditation is valid only with the Accreditation certificate having Accreditation Number Li 08.03 and identification number 0151 issued on 04.09.2024.

Direktor
Anita Krulanović, s.r.