



Potvrda o akreditaciji Accreditation Certificate

Ovime se utvrđuje da je

This is to recognize that

EUROFINS CROATIAKONTROLA d.o.o.

PC Laboratorij

Karlovačka cesta 4L, HR-10000 Zagreb

osposobljen prema zahtjevima norme

is competent according to

HRN EN ISO/IEC 17025:2017

(ISO/IEC 17025:2017;

EN ISO/IEC 17025:2017)

za/to carry out

Ispitivanje hrane, hrane za životinje, voda, vina, mineralnih gnojiva, tla, eluata otpada, otpada, digestata, komposta, muljeva, sedimenata, predmeta opće uporabe i kontrola mikrobiološke čistoće objekata u proizvodnji hrane

Uzorkovanje hrane, voda, uzoraka u proizvodnji hrane, otpada i krutih oporabljanih goriva

Testing of food, animal feeding stuffs, waters, wine, mineral fertilizers, soil, waste eluates, waste, digestate, compost, sludges, sediments, objects of common use and hygiene control in food production facilities

Sampling of foods, waters, samples in food production, waste and solid recovered fuels

u području opisanom u prilogu koji je sastavni dio ove potvrde o akreditaciji.

for the scope described in the annex which is the constituent part of this accreditation certificate.

Br./No.: 1049

Klasa/Ref.No.: 383-02/23-30/030

Urbroj/Id.No.: 569-02/4-25-39

Zagreb, 2025-10-10

Akreditacija istječe-Accreditation expiry: 2029-02-17

Prva akreditacija-Initial accreditation: 2004-02-27

HAA je potpisnica multilateralnog sporazuma s Europskom organizacijom za akreditaciju (EA)

HAA is a signatory of the European co-operation for Accreditation (EA) Multilateral Agreement

Ravnateljica:

Director General:

mr. sc. Mirela Zečević



HAA

Hrvatska akreditacijska agencija
Croatian Accreditation Agency

PRILOG POTVRDI O AKREDITACIJI br: 1049

Annex to Accreditation Certificate Number:

Klasa/Ref. No.: 383-02/23-30/030

Urbroj/Id. No.: 569-02/4-25-38

Datum izdanja priloga/Annex Issued on: 2025-10-10

Zamjenjuje prilog/Replaces Annex:

Klasa/Ref. No.: 383-02/23-30/030

Urbroj/Id. No.: 569-02/11-24-20

Datum/Date: 2024-02-18

Norma: HRN EN ISO/IEC 17025:2017

Standard: (ISO/IEC 17025:2017; EN ISO/IEC 17025:2017)

Akreditacija istječe: 2029-02-17

Accreditation expiry:

Prva akreditacija: 2004-02-27

Initial accreditation:

Akreditirani laboratorij

Accredited Laboratory

EUROFINS CROATIAKONTROLA d.o.o.

PC Laboratorij

Karlovačka cesta 4L, HR-10000 Zagreb

Područje akreditacije:

Scope of Accreditation:

Ispitivanje hrane, hrane za životinje, voda, vina, mineralnih gnojiva, tla, eluata otpada, otpada, digestata, komposta, muljeva, sedimenata, predmeta opće uporabe i kontrola mikrobiološke čistoće objekata u proizvodnji hrane

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Važeće izdanje Priloga dostupno je na web adresi: www.akreditacija.hr

Valid issue of the Annex is available at the web address: www.akreditacija.hr

Ravnateljica:

Director General:

mr. sc. Mirela Zečević

PODRUČJE AKREDITACIJE/ SCOPE OF ACCREDITATION

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
I- Hrana i hrana za životinje/ Food and animal feeding stuffs			
1.	Hrana za životinje Animal feeding stuffs	Određivanje vode i udjela drugih hlapivih komponenti Determination of moisture and other volatile matter content	HRN ISO 6496:2001 (ISO 6496:1999)
2.	Hrana za životinje Animal feeding stuffs	Određivanje udjela masti Determination of fat content	HRN ISO 6492:2001 (ISO 6492:1999)
3.	Hrana za životinje Animal feeding stuffs	Određivanje pepela Determination of crude ash	HRN ISO 5984:2023 (ISO 5984:2022)
4.	Hrana za životinje Animal feeding stuffs	Određivanje udjela sirovih vlakana Determination of crude fibre content	HRN EN ISO 6865:2001 (ISO 6865:2000; EN ISO 6865:2000) (modificirana za/modified for FIBER CAP)
5.	Hrana za životinje Animal feeding stuffs	Određivanje količine dušika i izračunavanje količine sirovih bjelancevina Determination of nitrogen content and calculation of crude protein content	HRN EN ISO 5983-2:2010 (ISO 5983-2:2009; EN ISO 5983-2:2009)
6.	Hrana za životinje Animal feeding stuffs	Određivanje udjela škroba Determination of starch content	HRN ISO 6493:2001 (ISO 6493:2000)
7.	Žitarice Cereals	Određivanje broja padanja Determination of falling number	HRN EN ISO 3093:2010 (ISO 3093:2009; EN ISO 3093:2009)
8.	Žitarice i proizvodi od žitarica Cereals and cereal products	Određivanje količine vode - referentna metoda Determination of moisture content - reference method	HRN EN ISO 712:2024 (ISO 712:2024; EN ISO 712:2024)
9.	Žitarice i proizvodi mljevenja žitarica Cereals and milled cereal products	Određivanje ukupnog pepela Determination of total ash	HRN EN ISO 2171:2023 (ISO 2171:2023; EN ISO:2023)
10.	Žitarice i mahunarke Cereals and pulses	Određivanje količine dušika i izračunavanje količine sirovih bjelancevina – Kjeldahl metoda Determination of the nitrogen content and calculation of the crude protein content - Kjeldahl method	HRN EN ISO 20483:2014 (ISO 20483:2013; EN ISO 20483:2013)
11.	Čaj Tea	Određivanje gubitka mase pri 103 °C Determination of loss in mass at 103 °C	HRN ISO 1573:2001 (ISO 1573:1980)
12.	Kukuruz Maize	Određivanje sadržaja vlage mljevenog zrna Determination of moisture content on milled grains	HRN EN ISO 6540:2021 (ISO 6540:2021, EN ISO 6540:2021)
13.	Uljarice Oilseeds	Određivanje količine vode i hlapljivih tvari Determination of moisture and volatile matter content	HRN EN ISO 665:2020 (ISO 665:2020; EN ISO 665:2020)
14.	Uljarice Oilseeds	Određivanje količine ulja (Referentna metoda) Determination of oil content (Reference method)	HRN EN ISO 659:2010 (ISO 659:2009; EN ISO 659:2009)

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15.	Hrana, hrana za životinje, okolišni uzorci u proizvodnji hrane <i>Food, animal feeding stuffs, environmental samples in food production</i>	Horizontalna metoda za dokazivanje prisutnosti, određivanje broja i serotipizacija <i>Salmonella spp</i> <i>Horizontal method for the detection, enumeration and serotyping of Salmonella spp</i>	HRN EN ISO 6579-1:2017 <i>(ISO 6579-1:2017; EN ISO 6579-1:2017)</i> HRN EN ISO 6579-1:2017/A1:2020 <i>(ISO 6579-1:2017/A1:2020; EN ISO 6579-1:2017/A1:2020)</i>
16.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Detekcija Salmonelle spp. Metodom- Real-Time PCR <i>Detection of Salmonella spp. using Real- Time PCR technique</i>	Vlastita metoda/ <i>In-house method</i> RU-MET-203 izdanje/edition 2 01.03.2021.
17.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za brojenje mikroorganizama - Tehnika brojenje kolonija na 30 °C <i>Horizontal method for the enumeration of microorganisms - Colony count technique at 30 °C</i>	HRN EN ISO 4833-1:2013 <i>(ISO 4833-1:2013; EN ISO 4833-1:2013)</i> HRN EN ISO 4833-1:2013/A1:2022 <i>(ISO 4833-1:2013/Amd 1:2022; EN ISO 4833-1:2013/A1:2022)</i> HRN EN ISO 4833-2:2013 <i>(ISO 4833-2:2013; EN ISO 4833-2:2013)</i> HRN EN ISO 4833-2:2013/ Ispr. 1:2014 <i>(ISO 4833-2:2013/ Cor.1:2014; EN ISO 4833-2:2013/ Cor.1:2014)</i> HRN EN ISO 4833-2:2013/A1:2022 <i>(ISO 4833-2:2013/Amd 1:2022; EN ISO 4833-2:2013/A1:2022)</i>
18.	Hrana, hrana za životinje, okolišni uzorci u proizvodnji hrane <i>Food, animal feeding stuffs, environmental samples in food production</i>	Horizontalna metoda za dokazivanje prisutnosti i brojenje <i>Enterobacteriaceae</i> – 2 dio: Metoda određivanja broja kolonija <i>Horizontal methods for the detection and enumeration of Enterobacteriaceae – Part 2: Colony count method</i>	HRN ISO 21528-2:2017 <i>(ISO 21528-2:2017; EN ISO 21528-2:2017)</i>
19.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Brojenje kvasaca i plijesni <i>Enumeration of yeasts and moulds</i>	HRN ISO 21527-1:2012 <i>(ISO 21527-1:2008)</i> HRN ISO 21527-2:2012 <i>(ISO 21527-2:2008)</i>

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
20.	Hrana, hrana za životinje, okolišni uzorci u proizvodnji hrane <i>Food, animal feeding stuffs, environmental samples in food production</i>	Horizontalna metoda za dokazivanje prisutnosti i određivanje broja stanica <i>Listeria monocytogenes</i> – Metoda dokazivanja <i>Horizontal method for the detection and enumeration of Listeria monocytogenes - Detection method</i>	HRN EN ISO 11290-1:2017 (ISO 11290-1:2017; EN ISO 11290-1:2017)
21.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za dokazivanje prisutnosti i određivanje broja <i>Listeria monocytogenes</i> - Metoda brojenja <i>Horizontal method for the detection and enumeration of Listeria monocytogenes – Enumeration method</i>	HRN EN ISO 11290-2:2017 (ISO 11290-1:2017; EN ISO 11290-1:2017)
22.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda brojenja beta – glucuronidasa pozitivne <i>Escherichia coli</i> - 2.dio: Brojenje kolonija pri 44 °C uporabom 5-bromo-4-chloro-3-indolyl beta-D-glucuronide <i>Horizontal method for the enumeration of beta-glucuronidase- positive Escherichiacoli - Part 2: Colony count at 44 °C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide</i>	HRN ISO 16649-2:2001 (ISO 16649-2:2001)
23.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za brojenje <i>Bacillus cereus</i> – tehnika brojenja kolonija pri 30 °C <i>Horizontal method for enumeration of presumptive Bacillus cereus – Colony-count technique at 30 °C</i>	HRN EN ISO 7932:2005 (ISO 7932:2004; EN ISO 7932:2004)
24.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Vodoravni postupak brojenja koagulaza-pozitivnih stafilocoka (<i>Staphylococcus aureus</i> i druge vrste) – 1. dio: Postupak primjene Baird-Parkerove hranjive podloge na agaru <i>Horizontal method for the enumeration of coagulase –positive staphylococco (Staphylococcus aureus and other species) – Part 1: technique using Baird –Parker agar medium</i>	HRN EN ISO 6888-1:2021 (ISO 6888-1:2021; EN ISO 6888-1:2021)
25.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za dokazivanje i određivanje broja <i>Clostridium</i> spp. -- 1. dio: Određivanje broja sulfitreducirajućih <i>Clostridium</i> spp. tehnikom brojenja kolonija <i>Microbiology of the food chain -- Horizontal method for the detection and enumeration of Clostridium spp. -- Part 1: Enumeration of sulfite-reducing Clostridium spp. by colony-count technique</i>	HRN ISO 15213-1:2023 (ISO 15213-1:2023)
26.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Opće upute za brojenje koliformnih bakterija-Postupak određivanja broja kolonija <i>Horizontal method for the enumeration of coliforms – Colony count technique</i>	HRN ISO 4832:2008 (ISO 4832:2008)
27.	Gotova hrana i drugi gotovi proizvodi <i>Ready meals and other proccesed food product</i>	Postupci uzorkovanja za mikrobiološka ispitivanja <i>Sampling techniques for microbiological analysis</i>	HRN CEN ISO/TS 17728:2015 (CEN ISO/TS 17728:2015)

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
28.	Hrana i dječja hrana Food and baby food	Određivanje akrilamida (LC-MS/MS) Determination of acrylamide (LC-MS/MS)	Vlastita metoda/ In-house method RU-MET-160 izdanje/edition 2 01.03.2021.
29.	Hrana i hrana za životinje Food and animal feeding stuffs	Uzorkovanje životinjskih trupova za mikrobiološke analize Carcass sampling for microbiological analysis	HRN ISO 17604:2015 (ISO 17604:2015)
30.	Riba i proizvodi od ribe Fish and fishery product	Određivanje histamina (HPLC) Determination of histamine (HPLC)	Malle et all. (1996), J. AOAC, 79, pp. 43-49
31.	Okolišni uzorci u proizvodnji hrane Environmental samples in food production	Horizontalna metoda za postupke uzorkovanja s površina Horizontal method for sampling techniques from surfaces	HRN ISO 18593:2019 (ISO 18593:2018)
32.	Bezalkoholna osvježavajuća pića Soft drinks	Određivanja sladila (acesulfama K, aspartama i saharina), konzervansa (benzoata i sorbata) i kofeina (HPLC) Determination of artificial sweeteners (acesulfame K, aspartame and saccharin), preservatives (benzoate and sorbate) and caffeine (HPLC)	HRN EN 12856:2000 (EN 12856:1999)
33.	Sol Salt	Određivanje kalij-heksacijanoferata Determination of potassium hexacyanoferrate	Vlastita metoda/ In-house method RU-MET-111 izdanje/edition 3 24.04.2021. modificirana/modified EuSalt/AS 004-2015
34.	Povrće i proizvodi od povrća Vegetables and vegetable products	Određivanje nitrata (HPLC) Determination of nitrate (HPLC)	HRN EN 12014-2:2018 (EN 12014-2:2017)
35.	Meso i mesni proizvodi Meat and meat products	Određivanje nitrata i nitrita (HPLC) Determination of nitrate and nitrite (HPLC)	Vlastita metoda/ In-house method RU-MET-165 izdanje/edition 2 01.03.2021.
36.	Hrana biljnog podrijetla Food of plant origin	Određivanje perklorata (LC-MS/MS) Determination of perchlorate (LC-MS/MS)	Vlastita metoda/ In-house method RU-MET-170 izdanje/edition 2 24.07.2021.
37.	Hrana Food	Određivanje SO ₂ – destilacijska metoda Determination of SO ₂ - distillation method	Official Methods of Analysis (1995) 16 th Edition AOAC International Gaithersburg, MD, Metoda/Method 990.28

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
38.	Industrijska konoplja i proizvodi od industrijske konoplje <i>Hemp and hemp products</i>	Određivanje kanabinoida kanabidiola (CBD), kanabidiolne kiseline (CBDA), ukupnog kanabidiola, Δ9-tetrahidrokanabinola (Δ9- THC), tetrahidrokanabinolne kiseline (THCA), ukupnog Δ9-tetrahidrokanabinola, kanabigerola (CBG), kanabigerolne kiseline (CBGA), ukupnog kanabigerola, kanabinola (CBN) i kanabikromena (CBC) - (HPLC) <i>Determination of cannabinoids cannabidiol (CBD), cannabidiolic acid (CBDA), total cannabidiol, Δ9-tetrahydrocannabinol (Δ9- THC), Δ9-tetrahydrocannabinolic acid (THCA), total Δ9- tetrahydrocannabinol, cannabigerol (CBG), cannabigerolic acid (CBGA), total cannabigerol, cannabinol (CBN) and cannabichromene (CBC) - (HPLC)</i>	Vlastita metoda/ <i>In-house method</i> RU-MET-221 izdanje/edition 2 01.03.2021.

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39.	Mlijeko i mliječni proizvodi Milk and dairy products	Određivanje ostataka pesticida (GC-MS/MS) <i>Determination of pesticide (GC-MS/MS)</i> benfluralin, bifentrin, bromfenvinfos, bromofos-etil, bromofos-metil, bromopropilat, butilat, cianofenfos, cianofos, cihalofof-butil, dialat, difenilamin, diklofention, diklofop-metil, dinikonazol, dinitramin, dioksabenzofos, disulfoton, EPTC, etakonazol, etalfluralin, etofenproks, fenitrothion, fenklorfos, fenpropatrin, fenson, flumioksazin, furalaksil, forat, HCH alfa, HCH beta, HCH delta, heptenofos, heksakonazol, isofenfos, karbofenotion, klorbenzid, klorfenprop methyl, klorfenson, klorfenvinfos, klormefos, klorobenzilat, klorprofam, klorpirifos-metil, klortal-dimetil, lindan, mefenpir-dietil, metakrifos, metoksiklor olefin, nitrotal-izopropil, oksifluorfen, paration, paration-metil, pebulat, pendimetalin, pentanoklor, permetrin-cis, permetrin-trans, petoksamid, procimidon, profam, teknazen, teflutrín, terbufos, tetradifon, tiometon, tolklofos-metil, tri-alat, trifluralin, vinklozolin <i>benfluralin, bifenthrin, bromfenvinfos, bromophos-ethyl, bromophos-methyl, bromopropylate, butylate, carbofenothion, chlorbenzide, chlorfenprop-methyl, chlorfenson, chlorfenvinphos, chlormephos, chlorobenzilate, chlorpropham, chlorpyriphos-methyl, chlorthal-dimethyl, cyanofenphos, cyanophos, cyhalofop-butyl, diallate, diphenylamine, dichlofenthion, diclofop-methyl, diniconazole, dinitramine, dioxabenzofos, disulfoton, etaconazole, ethalfluralin, etofenprox, EPTC, fenitrothion, fenchlophos, fenpropathrin, fenson, flumioxazin, HCH alpha, HCH beta, HCH delta, heptenophos, hexaconazole, isofenphos, lindane, mefenpyr-diethyl, metacrifos, methoxychlor-olefin, nitrothal isopropyl, oxyfluorfen, parathion, parathion-methyl, pebulate, pendimethalin, pentanochlor, permethrin-cis, permethrin-trans, pethoxamid, phorate, procymidone, propham, tecnazene, tefluthrin, terbufos, tetradifon, thiometon, tolclofos-methyl, tri-allate, trifluranin, vinclozolin</i>	Vlastita metoda/ <i>In-house method</i> RU-MET-228 izdanje/edition 2 01.03.2021.
40.	Hrana biljnog porijekla Food of plant origin	Uzorkovanje hrane biljnog porijekla u svrhu ispitivanja prisutnosti ostataka pesticida <i>Sampling of plant origin food for the determination pesticide residues</i>	Direktiva komisije (EZ) br. 63/2002 <i>Commission directive 2002/63/EC</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
41.	Hrana Food	Uzorkovanje za kontrolu količine mikotoksina Sampling for control of the amount of mycotoxin	Uredba Komisije (EZ) br. 401/2006 Commission Regulation (EU) No 401/EC/2006 Uredba Komisije (EZ) br. 178/2010 Commission Regulation (EU) No 178/EC/2010 Uredba Komisije (EZ) br. 519/2014 Commission Regulation (EU) No 519/EC/2014

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
II- Predmeti opće uporabe (POU)/ Objects of common use			
42.	Kozmetika i površinski aktivne tvari <i>Cosmetics and surface active agents</i>	Određivanje pH <i>Determination of pH</i>	Vlastita metoda/ <i>In-house method</i> RU-MET-087 izdanje/edition 4 01.03.2021.
43.	Kozmetika i površinski aktivne tvari <i>Cosmetics and surface active agents</i>	Određivanje broja i dokazivanje aerobnih mezofilnih bakterija <i>Enumeration and detection of aerobic mesophilic bacteria</i>	HRN EN ISO 21149:2017 <i>(ISO 21149:2017, EN ISO 21149:2017)</i> HRN EN ISO 21149:2017/A1:2022 <i>(ISO 21149:2017/Amd 1:2022; EN ISO 21149:2017/A1:2022)</i>
44.	Kozmetika <i>Cosmetics</i>	Određivanje broja kvasaca i plijesni <i>Enumeration of yeasts and moulds</i>	HRN EN ISO 16212:2017 <i>(ISO 16212:2017, EN ISO 16212:2017)</i> HRN EN ISO 16212:2017/A1:2022 <i>(ISO 16212:2017/Amd 1:2022; EN ISO 16212:2017/A1:2022)</i>
45.	Kozmetika <i>Cosmetics</i>	Dokazivanje kvasca <i>Candida albicans</i> <i>Detection of Candida albicans</i>	HRN EN ISO 18416:2016 <i>(ISO 18416:2015, ispravljena verzija 2016-12-15; EN ISO 18416:2015)</i> HRN EN ISO 18416:2016/A1:2022 <i>(ISO 18416:2015/Amd 1:2022; EN ISO 18416:2015/A1:2022)</i>
46.	Kozmetika <i>Cosmetics</i>	Dokazivanje bakterije <i>Escherichia coli</i> <i>Detection of Escherichia coli</i>	HRN EN ISO 21150:2016 <i>(ISO 21150:2015; EN ISO 21150:2015)</i> HRN EN ISO 21150:2016/A1:2022 <i>(ISO 21150:2015/Amd 1:2022; EN ISO 21150:2015/A1:2022)</i>
47.	Kozmetika <i>Cosmetics</i>	Dokazivanje bakterije <i>Pseudomonas aeruginosa</i> <i>Detection of Pseudomonas aeruginosa</i>	HRN EN ISO 22717:2016 <i>(ISO 22717:2015; EN ISO 22717:2015)</i> HRN EN ISO 22717:2016/A1:2022 <i>(ISO 22717:2015/Amd 1:2022; EN ISO 22717:2015/A1:2022)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
48.	Kozmetika Cosmetics	Dokazivanje bakterije <i>Staphylococcus aureus</i> <i>Detection of Staphylococcus aureus</i>	HRN EN ISO 22718:2016 (ISO 22718:2015; EN ISO 22718:2015) HRN EN ISO 22718:2016/A1:2022 (ISO 22718:2015/Amd 1:2022; EN ISO 22718:2015/A1:2022)
49.	Kozmetika Cosmetics	Vrednovanje antimikrobne zaštite kozmetičkog proizvoda (Challenge test) <i>Evaluation of the antimicrobial protection of a cosmetic product</i>	HRN EN ISO 11930:2019 (ISO 11930:2019, EN ISO 11930:2019) HRN EN ISO 11930:2019/A1:2022 (ISO 11930:2019/Amd 1:2022; EN ISO 11930:2019/A1:2022)
50.	Kozmetika Cosmetics	Određivanje konzervansa (HPLC) <i>Determination of preservatives (HPLC)</i> 4-hidroksibenzojeva kiselina salicilna kiselina 2-metoksibenzojeva kiselina benzojeva kiselina sorbinska kiselina 2-fenoksietanol 1-fenoksi-2-propanol metil-paraben etil-paraben izopropil-paraben propil-paraben butil-paraben benzil-paraben <i>4-hydroxybenzoic acid</i> <i>salicyc acid</i> <i>2-metoxybenzioc acid</i> <i>benzoic acid</i> <i>sorbic acid</i> <i>2-phenoxyethanol</i> <i>1-phenoxy-2-propanol</i> <i>methyl-paraben</i> <i>ethyl-paraben</i> <i>isopropil-paraben</i> <i>propil-paraben</i> <i>buthil-paraben</i> <i>benzil-paraben</i> Granica kvantifikacije/<i>Quantification limit</i> 0,1%	Vlastita metoda/ <i>In-house method</i> RU-MET-082, izdanje/edition 1 08.11.2023.

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
III- Mineralna gnojiva, voda, otpad i eluati otpada, digestat, kruta oporabljena gnojiva, sediment, tlo, muljevi/ Mineral fertilizer, water, waste and waste eluates, digestate, solid recovered fuels, sediment, soil, sludge			
51.	Mineralno gnojivo Mineral fertilizer	Određivanje udjela amonijskog dušika <i>Determination of ammoniacal nitrogen</i> Granica kvantifikacije/<i>Quantification limit</i> 4,5% N-NH₄	Vlastita metoda/ <i>In-house method</i> RU-MET-029 izdanje/<i>edition</i> 5 24.04.2021 Pravilnik o mineralnim gnojivima, (NN 60/07), dodatak IV; B 2.1 . <i>Ordinance on mineral fertilizer (Official gazette of the Republic of Croatia No.60/07), addition IV; B 2.1</i>
52.	Mineralno gnojivo Mineral fertilizer	Određivanje magnezija (Mg) atomskom apsorpcijskom spektrometrijom <i>Determination of magnesium (Mg) by atomic absorption spectrometry</i> Granica kvantifikacije/<i>Quantification limit</i> 1% MgO	Vlastita metoda/ <i>In-house method</i> RU-MET-210 izdanje/<i>edition</i> 2 24.04.2021. Pravilnik o mineralnim gnojivima (NN 60/07), dodatak IV; B 8.7. <i>Ordinance on mineral fertilizer (Official gazette of the Republic of Croatia No. 60/07), addition IV; B 8.7.</i>
53.	Mineralno gnojivo Mineral fertilizer	Određivanje vodotopivog kalija <i>Determination of the water soluble potassium content</i> Granica kvantifikacije/<i>Quantification limit</i> 1% K₂O	Vlastita metoda/ <i>In-house method</i> RU-MET-031 izdanje/<i>edition</i> 5 24.04.2021. Pravilnik o mineralnim gnojivima (NN 60/07), dodatak IV; B 4.1. <i>Ordinance on mineral fertilizer (Official gazette of the Republic of Croatia No.60/07), addition IV; B 4.1.</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
54.	Mineralno gnojivo Mineral fertilizer	Određivanje ekstrahiranog fosfora gravimetrijska metoda s kinolin fosformolibdatom <i>Determination of extracted phosphorus (Gravimetric Method Using Quinoline Phosphomolybdate)</i> Granica kvantifikacije/<i>Quantification limit</i> 1% P₂O₅	Vlastita metoda/ <i>In-house method</i> RU-MET-030 izdanje/<i>edition</i> 4 24.04.2021. Pravilnik o mineralnim gnojivima (NN 60/07), dodatak IV; B 3.2. <i>Ordinance on mineral fertilizer (Official gazette of the Republic of Croatia No.60/07), addition IV; B 3.2.</i> Uz pripremu analitičkog uzorka prema RU-MET- 034 ili RU-MET-035 <i>With preparation of analytic sample according to RU-MET-034 or RU- MET-035</i>
55.	Mineralno gnojivo Mineral fertilizer	Određivanje sulfata <i>Determination of sulfate</i> Granica kvantifikacije/<i>Quantification limit</i> 3% SO₃	Vlastita metoda/ <i>In-house method</i> RU-MET-152 izdanje/<i>edition</i> 2 24.04.2021. Pravilnik o mineralnim gnojivima (NN 60/07) dodatak IV; B 8.9. <i>Ordinance on mineral fertilizer (Official gazette of the Republic of Croatia No.60/07, addition IV; B 8.9.)</i> Uz pripremu analitičkog uzorka prema RU-MET- 149 ili RU-MET-150 <i>With preparation of analytic sample according to RU-MET-149 or RU- MET-150</i>

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
56.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode <i>Water for human consumption, spring water, natural mineral water, table water</i>	Brojenje uzgojenih mikroorganizama - Broj kolonija naciepljivanjem na hranjivi agar <i>Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium</i>	HRN EN ISO 6222:2000 <i>(ISO 6222:1999; EN ISO 6222:1999)</i>
57.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode <i>Water for human consumption, spring water, natural mineral water, table water</i>	Detekcija i brojenje crijevnih enterokoka - 2.dio: Metoda membranske filtracije <i>Detection and enumeration of intestinal enterococci - Part 2: Membrane filtration method</i>	HRN EN ISO 7899-2:2000 <i>(ISO 7899-1:1998; EN ISO 7899-1:1998)</i>
58.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, površinske vode, podzemne vode <i>Water for human consumption, spring water, natural mineral water, table water, surface water ground water</i>	Detekcija i brojenje <i>Escherichia coli</i> i koliformnih bakterija - 1. dio: metoda membranske filtracije <i>Detection and enumeration of Escherichia coli and coliform bacteria - Part 1: Membrane filtration method</i>	HRN EN ISO 9308-1:2014 <i>(ISO 9308-1:2014; EN ISO 9308-1:2014)</i> HRN EN ISO 9308-1:2014/A1:2017 <i>(ISO 9308-1:2014/Amd 1:2016; EN ISO 9308-1:2014/A1:2017)</i> .
59.	Voda za ljudsku potrošnju <i>Water for human consumption</i>	Uzorkovanje <i>Sampling</i>	HRN ISO 5667-5:2011 <i>(ISO 5667-5:2006)</i> HRN EN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i>
60.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, površinske vode, otpadne vode, podzemne vode, eluat otpada * <i>Water for human consumption, spring water, natural mineral water, table water, surface water, waste water, ground water, waste eluate</i>	Određivanje mutnoće <i>Determination of turbidity</i> (1 do/to 400) NTU	HRN EN ISO 7027-1:2016 <i>(ISO 7027-1:2016; EN ISO 7027-1:2016)</i>

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
61.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, površinske vode, otpadne vode, podzemne vode, eluat otpada * <i>Water for human consumption, spring water, natural mineral water, table water, surface water, waste water, ground water, waste eluate</i>	Određivanje električne vodljivosti <i>Determination of electrical conductivity</i>	HRN EN 27888:2008 <i>(ISO 7888:1985; EN 27888:1993)</i>
62.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, površinske vode, otpadne vode, podzemne vode, eluat otpada * <i>Water for human consumption, spring water, natural mineral water, table water, surface water, waste water, ground water, waste eluate</i>	Određivanje pH vrijednosti <i>Determination of pH</i> Raspon/Range 2,0 do/to 12,0	HRN EN ISO 10523:2012 <i>(ISO 10523:2008; EN ISO 10523:2012)</i>
63.	Voda za ljudsku potrošnju <i>Water for human consumption</i>	Određivanje nitrata – UV Metoda <i>Determination of nitrate - UV method</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,1 mg/L NO ₃ ⁻	Vlastita metoda/ <i>In-house method</i> RU-MET-142 izdanje/ <i>edition</i> 3 01.09.2022.
64.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, površinska, otpadna voda, podzemna voda, eluat otpada * <i>Water for human consumption, spring water, natural mineral water, table water, surface water, waste water, ground water, waste eluate</i>	Određivanje temperature <i>Determination of temperature</i> (-32 do/to 120) °C	DIN 38404(4):1976

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
65.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, otpadne, površinske i podzemne vode, eluat otpada * <i>Water for human consumption, spring water, natural mineral water, table water, waste water, surface water and ground water, waste eluat</i>	Određivanje klorida volumetrijskom metodom sa srebrnim nitratom uz kromatni indikator (Mohrova metoda) <i>Determination of chloride by silver nitrate titration with chromate indicator (Mohr's method)</i> Granica kvantifikacije/<i>Quantification limit</i> 5,00 mg/L	HRN ISO 9297:1998 (ISO 9297:1989)
66.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, otpadne, površinske i podzemne vode, eluat otpada *, mulj **, digestat ** kompost ** <i>Water for human consumption, spring water, natural mineral water, table water, waste water, surface water and ground water, waste eluat, sludge, digestate, compost</i>	Određivanje amonija spektrometrijskom metodom <i>Determination of ammonium using manual spectrometric method</i> Granica kvantifikacije/<i>Quantification limit</i> Površinska voda/<i>Surface water</i> 0,003 mg/L N Otpadna voda i eluat otpada/ <i>Waste water and waste eluat</i> 0,050 mg/L N Voda za ljudsku potrošnju, podzemna voda, prirodna izvorska, prirodna mineralna, stolna voda <i>Water for human consumption, spring water, natural mineral water, table water</i> 0,050 mg/L NH₄⁺	HRN ISO 7150-1:1998 (ISO 7150-1:1984)
67.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, otpadna, površinska i podzemna voda <i>Water for human consumption, spring water, natural mineral water, table water, waste water, surface water and ground water</i>	Određivanje nitrita – Molekularna apsorpcijska spektrometrijska metoda <i>Determination of nitrite – Molecular absorption spectrometric method</i> Granica kvantifikacije/<i>Quantification limit</i> 0,0100 mg N/L 0,0330 mgNO₂/L	HRN EN 26777:1998 (ISO 6777:1984; EN 26777:1993)
68.	Otpadna, podzemna, površinska voda i voda za ljudsku potrošnju <i>Waste water, ground water, surface water and water for human consumption</i>	Određivanje slobodnog i ukupnog klora <i>Determination of free and total chlorine</i> Granica kvantifikacije/<i>Quantification limit</i> 0,02 mg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-055 izdanje/edition 5 15. 01. 2024.

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
69.	Otpadne, površinske, podzemne vode Waste water, surface water, ground water	Određivanje suspendiranih tvari filtriranjem kroz filter od staklenih vlakana <i>Determination of suspended solids by filtration through glass fibre filters</i> Granica kvantifikacije/ <i>Quantification limit</i> 2,0 mg/L	HRN EN 872:2008 (EN 872:2005)
70.	Otpadne, površinske, podzemne vode Waste water, surface water, ground water	Određivanje fosfora spektrometrijskom metodom s amonijevim molibdatom <i>Determination of phosphorus using ammonium molybdate spectrometric method</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,010 mg/L P	HRN EN ISO 6878:2008 (ISO 6878:2004; EN ISO 6878:2004) Metode/methods 4. i/and 7.
71.	Otpadne, površinske, podzemne vode Waste water, surface water, ground water	Određivanje biokemijske potrošnje kisika nakon n dana (BPKn) metodom razrjeđivanja i naciepljivanja uz dodatak alitiouree <i>Determination of biochemical oxygen demand after n days (BODn) using dilution and seeding method with allylthiourea addition</i> (3 do/to 6000) mg/L O ₂	HRN EN ISO 5815-1:2019 (ISO 5815-1:2019; EN ISO 5815-1:2019)
72.	Otpadne, površinske, podzemne vode Waste water, surface water, ground water	Određivanje otopljenog kisika – elektrokemijska metoda <i>Determination of dissolved oxygen – electrochemical method</i> (0,1 do/to 20) mg/L O ₂	Vlastita metoda/ <i>In-house method</i> RU-OTV-024; izdanje/ edition 5 05.09.2022.
73.	Otpadne, površinske, podzemne vode, voda za ljudsku potrošnju i eluat otpada * Waste water, surface water, ground water, water for human consumption and waste eluate	Određivanje benzena i njegovih derivata – 1. dio: Metoda analize para iznad otopine plinskom kromatografijom (HS-GC-MS) <i>Water quality - Determination of benzene and some derivatives - Part 1: Head-space gas chromatographic method (HS-GC-MS)</i> Granica kvantifikacije/ <i>Quantification limit</i> Benzen/Benzene 1,0 µg/L Toluen/Toluene 1,0 µg/L Etilbenzen/Ethylbenzene 1,0 µg/L p+m-Ksilen/p,m-Xylene 1,0 µg/L o-ksilen/o-Xylene 1,0 µg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-050 izdanje/edition 6 21.12.2023. modificirana/modified HRN ISO 11423-1:2002 (ISO 11423-1:1997)
74.	Otpadne, površinske, podzemne vode, eluat otpada * Waste water, surface water, ground water, waste eluate	Određivanje kemijske potrošnje kisika <i>Determination of the chemical oxygen demand</i> Granica kvantifikacije/ <i>Quantification limit</i> 15 mg/L	HRN ISO 6060:2003 (ISO 6060:1989)
75.	Otpadna voda Waste water	Uzorkovanje <i>Sampling</i>	HRN ISO 5667-10:2020 (ISO 5667-10:2020)
76.	Otpadne, površinske, podzemne vode Waste water, surface water, ground water	Određivanje BPK5 nerazrjeđeni uzorci <i>Determination BPK5 undiluted samples</i> (0,30 do/to 6,0) mg/L O ₂	HRN EN 1899-2:2004 (ISO 5815:1989, preinačena/modified; EN 1899-2:1998)

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
77.	Voda za ljudsku potrošnju <i>Water for human consumption</i>	Detekcija i brojenje <i>Legionella</i> <i>Detection and enumeration of Legionella</i>	HRN ISO 11731:2017 (ISO 11731:2017; EN ISO 11731:2017)
78.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode <i>Water for human consumption, spring water, natural mineral water, table water</i>	Detekcija i brojenje <i>Pseudomonas aeruginosa</i> - Metoda membranske filtracije <i>Detection and numeration of Pseudomonas aeruginosa - Membrane filtration method</i>	HRN EN ISO 16266:2008 (ISO 16266:2006; EN ISO 16266:2008)
79.	Otpadna, površinska, podzemna voda i eluat otpada * <i>Waste water, surface water, ground water and waste eluate</i>	Određivanje sulfata – turbidimetrijska metoda <i>Determination of Sulfate – Turbidimetric Method</i> Granica kvantifikacije/ <i>Quantification limit</i> 1,00 mg/L	Standard methods 24th Ed. 2023:4500-SO ₄ ²⁻ E
80.	Otpadna, površinska, podzemna voda i eluat otpada * <i>Waste water, surface water, ground water and waste eluate</i>	Određivanje ukupno rastopljenih krutina <i>Determination of total dissolved solids (TDS)</i> Granica kvantifikacije/ <i>Quantification limit</i> 200 mg/L	HRN EN 15216:2021 (EN 15216:2021)
81.	Otpadna, površinska, podzemna voda <i>Waste water, surface water and ground water</i>	Određivanje kroma (VI) Spektrometrijska metoda s 1,5-difenilkarbazidom <i>Determination of chromium (VI) - Spectrometric method using 1,5 – diphenylcarbazide</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,025 mg/L	HRN ISO 11083:1998 (ISO 11083:1994)
82.	Otpad <i>Waste</i>	Određivanje udjela suhe tvari i vlage <i>Determination of dry matter fraction and moisture</i>	HRN EN 15934:2013 (EN 15934:2012) Metoda A / <i>Method A</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
83.	Otpad Waste	Karakterizacija otpada – Uzorkovanje otpadnih materijala – Okvir za pripremu i primjenu plana uzorkovanja <i>Characterization of waste - Sampling of waste materials - Framework for the preparation and application of a sampling plan</i>	Vlastita metoda/ <i>In-house method</i> RU-OTV-047 izdanje/edition 3 01.03.2021. HRN EN 14899:2007 (<i>EN 14899:2005</i>) HRI CEN/TR 15310-1:2008 (<i>CEN/TR 15310-1:2006</i>) HRI CEN/TR 15310-2:2008 (<i>CEN/TR 15310-2:2006</i>) HRI CEN/TR 15310-3:2008 (<i>CEN/TR 15310-3:2006</i>) HRI CEN/TR 15310-4:2008 (<i>CEN/TR 15310-4:2006</i>) HRI CEN/TR 15310-5:2008 (<i>CEN/TR 15310-5:2006</i>)
84.	Otpadna, površinska, podzemna voda Waste water, surface water, ground water	Određivanje anionskih tenzida mjerenjem indeksa metilenskog modrila (MMAT) <i>Determination of anionic surfactants by measurement of the methylene blue index MBAS</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,1 mg/L	HRN EN 903:2002 (<i>EN 903:1993</i>)
85.	Otpadna, površinska, podzemna voda Waste water, surface water, ground water	Određivanje alkaliteta – 1.dio: Određivanje ukupnog i pojedinačnog alkaliteta <i>Determination of alkalinity - Part 1: Determination of total and composite alkalinity</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,4 mmol/L	HRN EN ISO 9963-1:1998 (<i>ISO 9963-1:1994; EN ISO 9963-1:1995</i>)
86.	Otpadna, površinska, podzemna voda Waste water, surface water, ground water	Određivanje sume kalcija i magnezija (ukupna tvrdoća) - Volumetrijska metoda s EDTA <i>Determination of the sum of calcium and magnesium - EDTA titrimetric method</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,100 mmol/L	HRN ISO 6059:1998 (<i>ISO 6059:1984</i>)
87.	Otpadna, površinska, podzemna voda Waste water, surface water, ground water	Određivanje taloživih tvari u vodi volumetrijskom metodom <i>Determination of the settleable solids in water - volumetric method</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,2 mL/L/h	DIN 38409-9:1980

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> Raspon/Range	Metoda ispitivanja <i>Test method</i>
88.	Podzemna, površinska voda <i>Ground water, surface water</i>	Kakvoća vode – Određivanje adsorbibilnih organski vezanih halogena (AOX) <i>Water quality -- Determination of adsorbable organically bound halogens (AOX)</i> Granica kvantifikacije/ <i>Quantification limit</i> 10 µg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-135 izdanje/ <i>edition</i> 2 01.09.2023.
89.	Površinska voda <i>Surface water</i>	Ispitivanje i određivanje boje <i>Examination and determination of colour</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,5 mg/L Pt Co	Vlastita metoda/ <i>In-house method</i> RU-OTV-051 izdanje/ <i>edition</i> 6 04.08.2022.
90.	Otpadna voda <i>Waste water</i>	Ispitivanje i određivanje boje <i>Examination and determination of colour</i>	HRN EN ISO 7887:2012 Dio A/ <i>Part A</i> (ISO 7887:2011, EN ISO 7887:2011)
91.	Podzemna voda <i>Surface water</i>	Ispitivanje i određivanje boje <i>Examination and determination of colour</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,5 mg/L Pt Co	Standard methods 23 th Ed. 2017:2120-C
92.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, otpadna, površinska i podzemna voda <i>Water for human consumption, spring water, natural mineral water, table water, waste water, surface water and ground water</i>	Određivanje permanganatnog indeksa <i>Determination of permanganate indeks</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,50 mg/L O ₂	HRN EN ISO 8467:2001 (ISO 8467:1993; EN ISO 8467:1995)
93.	Podzemna voda <i>Ground water</i>	Uzorkovanje <i>Sampling</i>	HRN ISO 5667-11:2011 (ISO 5667-11:2009)
94.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode <i>Water for human consumption, spring water, natural mineral water, table water</i>	Ispitivanje i određivanje boje <i>Examination and determination of colour</i> Granica kvantifikacije/ <i>Quantification limit</i> 5 mg/L Pt Co	Standard methods 23 th Ed. 2017:2120-C
95.	Tlo <i>Soil</i>	Određivanje pH vrijednosti <i>Determination of pH</i>	HRN ISO 10390:2022 (ISO 10390:2021)
96.	Tlo <i>Soil</i>	Određivanje specifične električne vodljivosti <i>Determination of the specific electrical conductivity</i>	HRN ISO 11265:2004 (ISO 11265:1994+ Cor 1:1996)
97.	Tlo <i>Soil</i>	Određivanje suhe tvari i sadržaja vode na osnovi mase – Gravimetrijska metoda <i>Determination of dry matter and water content on a mass basis - Gravimetric method</i>	HRN ISO 11465:2004 (ISO 11465:1993+ Cor 1:1994)

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
98.	Tlo <i>Soil</i>	Određivanje kalija (K ₂ O) po AL metodi <i>Determination of potassium (K₂O) AL method</i>	Vlastita metoda/ <i>In-house method</i> RU-MET-120 izdanje/edition 8 24.04.2021.
99.	Mulj <i>Sludge</i>	Određivanje suhog ostatka i sadržaja vode <i>Determination of dry residue and water content</i>	HRN EN 12880:2005 <i>(EN 12880:2000)</i>
100.	Površinska i otpadna voda, tlo i otpad <i>Surface water, waste water, soil and waste</i>	Određivanje lipofilnih tvari i ugljikovodika metodom infracrvene spektroskopije <i>Determination of lipophilic substances and hydrocarbons, using infrared spectroscopy method</i> Granica kvantifikacije/ <i>Quantification limit</i> Površinska i otpadna - 1,0 mg/l Tlo i otpad - 10,0 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-054 izdanje/edition 4 18.04.2022.
101.	Podzemna voda, voda za ljudsku potrošnju <i>Ground water, water for human consumption</i>	Određivanje ugljikovodika od C10 do C40 (GC-FID) <i>Determination of hydrocarbon from C10 to C40 (GC-FID)</i> Granica kvantifikacije/ <i>Quantification limit</i> 1,5 µg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-082 izdanje/ edition 3 02.06.2023.
102.	Otpad <i>Waste</i>	Određivanje gubitka žarenjem <i>Determination of loss on ignition</i>	HRN EN 15935:2021 <i>(EN 15935:2021)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
103.	Otpadna, površinska, podzemna voda Waste water, surface water, ground water	Određivanje lakohlapivih kloriranih ugljikovodika (VOC), (HS-GC-MS) Determination volatile chlorinated hydrocarbons (VOC), (HS-GC-MS) Granica kvantifikacije/Quantification limit	Vlastita metoda/ In-house method RU-OTV-063 izdanje/ edition 3 12.10.2022.

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method																
104.	Otpadna, površinska, podzemna voda i eluat otpada * <i>Waste water, surface water, ground water and waste eluate</i>	Određivanje PCB-a nakon tekuće-tekuće ekstrakcije, (GC-MS/MS) <i>Determination of PCBs after liquid-liquid extraction, (GC-MS/MS)</i> Granica kvantifikacije/<i>Quantification limit</i> <table><tr><td>PCB 28</td><td>0,001 µg/L</td></tr><tr><td>PCB 52</td><td>0,001 µg/L</td></tr><tr><td>PCB 101</td><td>0,001 µg/L</td></tr><tr><td>PCB 138</td><td>0,001 µg/L</td></tr><tr><td>PCB 153</td><td>0,001 µg/L</td></tr><tr><td>PCB 180</td><td>0,001 µg/L</td></tr><tr><td>PCB 118</td><td>0,001 µg/L</td></tr><tr><td>PCB 194</td><td>0,001 µg/L</td></tr></table>	PCB 28	0,001 µg/L	PCB 52	0,001 µg/L	PCB 101	0,001 µg/L	PCB 138	0,001 µg/L	PCB 153	0,001 µg/L	PCB 180	0,001 µg/L	PCB 118	0,001 µg/L	PCB 194	0,001 µg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-052 izdanje/edition 5 20.04.2025.
PCB 28	0,001 µg/L																		
PCB 52	0,001 µg/L																		
PCB 101	0,001 µg/L																		
PCB 138	0,001 µg/L																		
PCB 153	0,001 µg/L																		
PCB 180	0,001 µg/L																		
PCB 118	0,001 µg/L																		
PCB 194	0,001 µg/L																		
105.	Kruta oporabljena goriva <i>Solid recovered fuels</i>	Uzorkovanje <i>Sampling</i>	HRN EN ISO 21645:2021 <i>(ISO 21645:2021; EN ISO 21645:2021)</i>																
106.	Podzemna, površinska, otpadna voda i eluat otpada * <i>Waste water, surface water, ground water, waste eluate</i>	Ukupni organski ugljik (TOC) i otopljeni organski ugljik (DOC) <i>Total Organic Carbon (TOC) and Dissolved Organic Carbon (DOC)</i> Granica kvantifikacije/<i>Quantification limit</i> 1 mg/L	HRN EN 1484:2002 <i>(EN 1484:1997)</i>																
107.	Podzemna, površinska, otpadna voda <i>Waste water, surface water, ground water</i>	Određivanje triklorbenzena <i>Determination of Trichlorobenzene</i> Granica kvantifikacije/<i>Quantification limit</i> <table><tr><td>1,3,5 – triklorbenzen/ <i>1,3,5-trichlorobenzene</i></td><td>0,120 µg/L</td></tr><tr><td>1,2,4 – triklorbenzen/ <i>1,2,4-trichlorobenzene</i></td><td>0,120 µg/L</td></tr><tr><td>1,2,3 – triklorbenzen/ <i>1,2,3-trichlorobenzene</i></td><td>0,120 µg/L</td></tr></table>	1,3,5 – triklorbenzen/ <i>1,3,5-trichlorobenzene</i>	0,120 µg/L	1,2,4 – triklorbenzen/ <i>1,2,4-trichlorobenzene</i>	0,120 µg/L	1,2,3 – triklorbenzen/ <i>1,2,3-trichlorobenzene</i>	0,120 µg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-092 izdanje/edition 2 01.03.2021.										
1,3,5 – triklorbenzen/ <i>1,3,5-trichlorobenzene</i>	0,120 µg/L																		
1,2,4 – triklorbenzen/ <i>1,2,4-trichlorobenzene</i>	0,120 µg/L																		
1,2,3 – triklorbenzen/ <i>1,2,3-trichlorobenzene</i>	0,120 µg/L																		

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method																																																																
108.	Podzemna, površinska, otpadna voda Waste water, surface water, ground water	Određivanje policikličkih aromatskih ugljikovodika (PAH), GC-MS Determination of Polycyclic Aromatic Hydrocarbons (PAHs), GC-MS Granica kvantifikacije/Quantification limit <table><tr><td colspan="2">Podzemna i površinska voda / Surface and ground water</td></tr><tr><td>Naftalen/ Naphtalene</td><td>0,000066 µg/l</td></tr><tr><td>Acenaftilen/ Acenaphthylene</td><td>0,0001038 µg/l</td></tr><tr><td>Acenaften/ Acenaphthene</td><td>0,000087 µg/l</td></tr><tr><td>Fluoren/ Fluorene</td><td>0,000087 µg/l</td></tr><tr><td>Fenantren/ Phenantrene</td><td>0,000052 µg/l</td></tr><tr><td>Antracen/ Anthracene</td><td>0,000149 µg/l</td></tr><tr><td>Fluoranten/ Fluoranthene</td><td>0,000127 µg/l</td></tr><tr><td>Piren/ Pyrene</td><td>0,000064 µg/l</td></tr><tr><td>Benzo(a)antracen/ Benzo(a)anthracene</td><td>0,000109 µg/l</td></tr><tr><td>Krizen/ Chrysene</td><td>0,000112 µg/l</td></tr><tr><td>Benzo(b)fluoranten/ Benzo(b)fluoranthene</td><td>0,000040 µg/l</td></tr><tr><td>Benzo(k)fluoranten/ Benzo(k)fluoranthene</td><td>0,000029 µg/l</td></tr><tr><td>Benzo(a)piren/ Benzo(a)pyrene</td><td>0,000025 µg/l</td></tr><tr><td>Indeno (1,2,3-cd) piren/ Indeno (1,2,3-cd)pyrene</td><td>0,000036 µg/l</td></tr><tr><td>Benzo(g,h,i)perilen/ Benzo(g,h,i)perylene</td><td>0,000040 µg/l</td></tr></table> <table><tr><td colspan="2">Otpadna voda / Waste water</td></tr><tr><td>Naftalen/ Naphtalene</td><td>0,003 mg/l</td></tr><tr><td>Acenaftilen/ Acenaphthylene</td><td>0,003 mg/l</td></tr><tr><td>Acenaften/ Acenaphthene</td><td>0,003 mg/l</td></tr><tr><td>Fluoren/ Fluorene</td><td>0,003 mg/l</td></tr><tr><td>Fenantren/ Phenantrene</td><td>0,003 mg/l</td></tr><tr><td>Antracen/ Anthracene</td><td>0,003 mg/l</td></tr><tr><td>Fluoranten/ Fluoranthene</td><td>0,003 mg/l</td></tr><tr><td>Piren/ Pyrene</td><td>0,003 mg/l</td></tr><tr><td>Benzo(a)antracen/ Benzo(a)anthracene</td><td>0,003 mg/l</td></tr><tr><td>Krizen/ Chrysene</td><td>0,003 mg/l</td></tr><tr><td>Benzo(b)fluoranten/ Benzo(b)fluoranthene</td><td>0,0009 mg/l</td></tr><tr><td>Benzo(k)fluoranten/ Benzo(k)fluoranthene</td><td>0,0009 mg/l</td></tr><tr><td>Benzo(a)piren/ Benzo(a)pyrene</td><td>0,0015 mg/l</td></tr><tr><td>Indeno (1,2,3-cd) piren/ Indeno (1,2,3-cd)pyrene</td><td>0,00006 mg/l</td></tr><tr><td>Benzo(g,h,i)perilen/ Benzo(g,h,i)perylene</td><td>0,00006 mg/l</td></tr></table>	Podzemna i površinska voda / Surface and ground water		Naftalen/ Naphtalene	0,000066 µg/l	Acenaftilen/ Acenaphthylene	0,0001038 µg/l	Acenaften/ Acenaphthene	0,000087 µg/l	Fluoren/ Fluorene	0,000087 µg/l	Fenantren/ Phenantrene	0,000052 µg/l	Antracen/ Anthracene	0,000149 µg/l	Fluoranten/ Fluoranthene	0,000127 µg/l	Piren/ Pyrene	0,000064 µg/l	Benzo(a)antracen/ Benzo(a)anthracene	0,000109 µg/l	Krizen/ Chrysene	0,000112 µg/l	Benzo(b)fluoranten/ Benzo(b)fluoranthene	0,000040 µg/l	Benzo(k)fluoranten/ Benzo(k)fluoranthene	0,000029 µg/l	Benzo(a)piren/ Benzo(a)pyrene	0,000025 µg/l	Indeno (1,2,3-cd) piren/ Indeno (1,2,3-cd)pyrene	0,000036 µg/l	Benzo(g,h,i)perilen/ Benzo(g,h,i)perylene	0,000040 µg/l	Otpadna voda / Waste water		Naftalen/ Naphtalene	0,003 mg/l	Acenaftilen/ Acenaphthylene	0,003 mg/l	Acenaften/ Acenaphthene	0,003 mg/l	Fluoren/ Fluorene	0,003 mg/l	Fenantren/ Phenantrene	0,003 mg/l	Antracen/ Anthracene	0,003 mg/l	Fluoranten/ Fluoranthene	0,003 mg/l	Piren/ Pyrene	0,003 mg/l	Benzo(a)antracen/ Benzo(a)anthracene	0,003 mg/l	Krizen/ Chrysene	0,003 mg/l	Benzo(b)fluoranten/ Benzo(b)fluoranthene	0,0009 mg/l	Benzo(k)fluoranten/ Benzo(k)fluoranthene	0,0009 mg/l	Benzo(a)piren/ Benzo(a)pyrene	0,0015 mg/l	Indeno (1,2,3-cd) piren/ Indeno (1,2,3-cd)pyrene	0,00006 mg/l	Benzo(g,h,i)perilen/ Benzo(g,h,i)perylene	0,00006 mg/l	Vlastita metoda/ In-house method RU-OTV-061 izdanje/edition 4 06.06.2022.
Podzemna i površinska voda / Surface and ground water																																																																			
Naftalen/ Naphtalene	0,000066 µg/l																																																																		
Acenaftilen/ Acenaphthylene	0,0001038 µg/l																																																																		
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Benzo(b)fluoranten/ Benzo(b)fluoranthene	0,000040 µg/l																																																																		
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Indeno (1,2,3-cd) piren/ Indeno (1,2,3-cd)pyrene	0,000036 µg/l																																																																		
Benzo(g,h,i)perilen/ Benzo(g,h,i)perylene	0,000040 µg/l																																																																		
Otpadna voda / Waste water																																																																			
Naftalen/ Naphtalene	0,003 mg/l																																																																		
Acenaftilen/ Acenaphthylene	0,003 mg/l																																																																		
Acenaften/ Acenaphthene	0,003 mg/l																																																																		
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Fenantren/ Phenantrene	0,003 mg/l																																																																		
Antracen/ Anthracene	0,003 mg/l																																																																		
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Piren/ Pyrene	0,003 mg/l																																																																		
Benzo(a)antracen/ Benzo(a)anthracene	0,003 mg/l																																																																		
Krizen/ Chrysene	0,003 mg/l																																																																		
Benzo(b)fluoranten/ Benzo(b)fluoranthene	0,0009 mg/l																																																																		
Benzo(k)fluoranten/ Benzo(k)fluoranthene	0,0009 mg/l																																																																		
Benzo(a)piren/ Benzo(a)pyrene	0,0015 mg/l																																																																		
Indeno (1,2,3-cd) piren/ Indeno (1,2,3-cd)pyrene	0,00006 mg/l																																																																		
Benzo(g,h,i)perilen/ Benzo(g,h,i)perylene	0,00006 mg/l																																																																		
109.	Podzemna, površinska, otpadna voda Waste water, surface water, ground water	Određivanje praga mirisa (TON) Determination of threshold odour number (TON)	HRN EN 1622:2008 (EN 1622:2006)																																																																

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
110.	Podzemna, površinska, otpadna voda <i>Waste water, surface water, ground water</i>	Određivanje ukupnog vezanog dušika (TN _B) <i>Determination of total bound nitrogen (TN_B)</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,1 mg/L	HRN EN ISO 20236:2021 <i>(ISO 20236:2018, EN ISO 20236:2021)</i>
111.	Podzemna, površinska, otpadna voda <i>Waste water, surface water, ground water</i>	Određivanje slobodnih cijanida <i>Determination of free cyanide</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,03 mg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-032 izdanje/ <i>edition</i> 2 05.09.2022.
112.	Površinska voda <i>Surface water</i>	Određivanje klorofila <i>Determination of chlorophyll-a</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,2 µg/L	HRN ISO 10260:2001 <i>(ISO 10260:1992)</i>
113.	Otpad <i>Waste</i>	Određivanje izabranih polikloriranih bifenila (GC-MS/MS) <i>Determination of selected polychlorinated (GC-MS/MS)</i> Granica kvantifikacije/ <i>Quantification limit</i> PCB 28 0,01 mg/kg PCB 52 0,01 mg/kg PCB 101 0,01 mg/kg PCB 118 0,01 mg/kg PCB 138 0,01 mg/kg PCB 141 0,01 mg/kg PCB 153 0,01 mg/kg PCB 180 0,01 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-086 izdanje/ <i>edition</i> 5 01.04.2022.
114.	Tlo i sediment <i>Soil and sediment</i>	Određivanje polikloriranih bifenila (GC-MS/MS) <i>Determination of polychlorinated biphenyls (GC-MS/MS)</i> Granica kvantifikacije/ <i>Quantification limit</i> PCB 28 0,01 mg/kg PCB 52 0,01 mg/kg PCB 101 0,01 mg/kg PCB 118 0,01 mg/kg PCB 138 0,01 mg/kg PCB 141 0,01 mg/kg PCB 153 0,01 mg/kg PCB 180 0,01 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-086 izdanje/ <i>edition</i> 5 01.04.2022. modificirana/ <i>modified</i> HRN ISO 10382:2009 <i>(ISO 10382:2002)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method																														
115.	Otpad Waste	Određivanje policikličkih aromatskih ugljikovodika (PAH) (GC-MS) Determination of polycyclic aromatic hydrocarbons (PAH) (GC-MS) Granica kvantifikacije/Quantification limit <table><tr><td>Naftalen/ Naphtalene</td><td>0,01 mg/kg</td></tr><tr><td>Acenaftilen/ Acenaphththylene</td><td>0,01 mg/kg</td></tr><tr><td>Acenaften/ Acenaphthene</td><td>0,01 mg/kg</td></tr><tr><td>Fluoren/ Fluorene</td><td>0,01 mg/kg</td></tr><tr><td>Fenantren/ Phenantrene</td><td>0,01 mg/kg</td></tr><tr><td>Antracen/ Anthracene</td><td>0,01 mg/kg</td></tr><tr><td>Fluoranten/ Fluoranthene</td><td>0,01 mg/kg</td></tr><tr><td>Piren/ Pyrene</td><td>0,01 mg/kg</td></tr><tr><td>Benzo(a)antracen Benzo(a)anthracene</td><td>0,01 mg/kg</td></tr><tr><td>Krizen/ Chrysene</td><td>0,01 mg/kg</td></tr><tr><td>Benzo(b)fluoranten/ Benzo(b)fluoranthene</td><td>0,01 mg/kg</td></tr><tr><td>Benzo(k)fluoranten/ Benzo(k)fluoranthne</td><td>0,01 mg/kg</td></tr><tr><td>Benzo(a)piren/ Benzo(a)pyrene</td><td>0,01 mg/kg</td></tr><tr><td>Indeno(1,2,3-cd)piren/ Indeno(1,2,3-cd)pyrene</td><td>0,01 mg/kg</td></tr><tr><td>Benzo(g,h,i)perilen/ Benzo(g,h,i)pervlene</td><td>0,01 mg/kg</td></tr></table>	Naftalen/ Naphtalene	0,01 mg/kg	Acenaftilen/ Acenaphththylene	0,01 mg/kg	Acenaften/ Acenaphthene	0,01 mg/kg	Fluoren/ Fluorene	0,01 mg/kg	Fenantren/ Phenantrene	0,01 mg/kg	Antracen/ Anthracene	0,01 mg/kg	Fluoranten/ Fluoranthene	0,01 mg/kg	Piren/ Pyrene	0,01 mg/kg	Benzo(a)antracen Benzo(a)anthracene	0,01 mg/kg	Krizen/ Chrysene	0,01 mg/kg	Benzo(b)fluoranten/ Benzo(b)fluoranthene	0,01 mg/kg	Benzo(k)fluoranten/ Benzo(k)fluoranthne	0,01 mg/kg	Benzo(a)piren/ Benzo(a)pyrene	0,01 mg/kg	Indeno(1,2,3-cd)piren/ Indeno(1,2,3-cd)pyrene	0,01 mg/kg	Benzo(g,h,i)perilen/ Benzo(g,h,i)pervlene	0,01 mg/kg	Vlastita metoda/ In-house method RU-OTV-087 izdanje/edition 4 01.04.2022.
Naftalen/ Naphtalene	0,01 mg/kg																																
Acenaftilen/ Acenaphththylene	0,01 mg/kg																																
Acenaften/ Acenaphthene	0,01 mg/kg																																
Fluoren/ Fluorene	0,01 mg/kg																																
Fenantren/ Phenantrene	0,01 mg/kg																																
Antracen/ Anthracene	0,01 mg/kg																																
Fluoranten/ Fluoranthene	0,01 mg/kg																																
Piren/ Pyrene	0,01 mg/kg																																
Benzo(a)antracen Benzo(a)anthracene	0,01 mg/kg																																
Krizen/ Chrysene	0,01 mg/kg																																
Benzo(b)fluoranten/ Benzo(b)fluoranthene	0,01 mg/kg																																
Benzo(k)fluoranten/ Benzo(k)fluoranthne	0,01 mg/kg																																
Benzo(a)piren/ Benzo(a)pyrene	0,01 mg/kg																																
Indeno(1,2,3-cd)piren/ Indeno(1,2,3-cd)pyrene	0,01 mg/kg																																
Benzo(g,h,i)perilen/ Benzo(g,h,i)pervlene	0,01 mg/kg																																

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
116.	Tlo i sediment Soil and sediment	Određivanje policikličkih aromatskih ugljikovodika (PAH) (GC-MS) <i>Determination of polycyclic aromatic hydrocarbons (PAH) (GC-MS)</i>	Vlastita metoda/ <i>In-house method</i> RU-OTV-160 izdanje/edition 2 12.10.2022. modificirana/modified HRN ISO 18287:2011 (ISO 18287:2006)
		Granica kvantifikacije/ <i>Quantification limit</i>	
		Naftalen/ <i>Naphtalene</i> 0,01 mg/kg	
		Acenaftilen/ <i>Acenaphththylene</i> 0,01 mg/kg	
		Acenaften/ <i>Acenaphthene</i> 0,01 mg/kg	
		Fluoren/ <i>Fluorene</i> 0,01 mg/kg	
		Fenantren/ <i>Phenantrene</i> 0,01 mg/kg	
		Antracen/ <i>Anthracene</i> 0,01 mg/kg	
		Fluoranten/ <i>Fluoranthene</i> 0,01 mg/kg	
		Piren/ <i>Pyrene</i> 0,01 mg/kg	
		Benzo(a)antracen/ <i>Benzo(a)anthracene</i> 0,01 mg/kg	
		Krizen/ <i>Chrysene</i> 0,01 mg/kg	
		Benzo(b)fluoranten/ <i>Benzo(b)fluoranthene</i> 0,01 mg/kg	
		Benzo(k)fluoranten/ <i>Benzo(k)fluoranthne</i> 0,01 mg/kg	
		Benzo(a)piren/ <i>Benzo(a)pyrene</i> 0,01 mg/kg	
		Indeno(1,2,3- cd)piren/ <i>Indeno(1,2,3- cd)pyrene</i> 0,01 mg/kg	
		Benzo(g,h,i)perilen/ <i>Benzo(g,h,i)perylene</i> 0,01 mg/kg	

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method																
117.	Otpadno ulje Waste oil	Naftni proizvodi i rabljena ulja -- Određivanje PCB-a i srodnih proizvoda- 1. dio: Razdvajanje i određivanje srodnih PCB spojeva plinskom kromatografijom s detekcijom masenom spektrometrijom (GC-MS/MS) <i>Determination of and related products – Part 1: Separation and determination of related PCB congeners - Gas chromatographic method with mass spectrometric detection (GC-MS/MS)</i> Granica kvantifikacije/<i>Quantification limit</i> <table><tr><td>PCB 28</td><td>0,1 mg/kg</td></tr><tr><td>PCB 52</td><td>0,1 mg/kg</td></tr><tr><td>PCB 101</td><td>0,1 mg/kg</td></tr><tr><td>PCB 118</td><td>0,1 mg/kg</td></tr><tr><td>PCB 138</td><td>0,1 mg/kg</td></tr><tr><td>PCB 141</td><td>0,1 mg/kg</td></tr><tr><td>PCB 153</td><td>0,1 mg/kg</td></tr><tr><td>PCB 180</td><td>0,1 mg/kg</td></tr></table>	PCB 28	0,1 mg/kg	PCB 52	0,1 mg/kg	PCB 101	0,1 mg/kg	PCB 118	0,1 mg/kg	PCB 138	0,1 mg/kg	PCB 141	0,1 mg/kg	PCB 153	0,1 mg/kg	PCB 180	0,1 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-113 izdanje/<i>edition</i> 3 13.10.2022. modificirana/<i>modified</i> HRN EN 12766-1:2002 (<i>EN 12766-1:2000</i>)
PCB 28	0,1 mg/kg																		
PCB 52	0,1 mg/kg																		
PCB 101	0,1 mg/kg																		
PCB 118	0,1 mg/kg																		
PCB 138	0,1 mg/kg																		
PCB 141	0,1 mg/kg																		
PCB 153	0,1 mg/kg																		
PCB 180	0,1 mg/kg																		
118.	Otpad Waste	Određivanje točke paljenja – Metoda u zatvorenoj posudi po Pensky-Martensu <i>Determination of flash point – Pensky-Martens closed cup method</i>	HRN EN ISO 2719:2016 (<i>ISO 2719:2016</i>; <i>EN ISO 2719:2016</i>) HRN EN ISO 2719:2016/A1:2021 (<i>ISO 2719:2016/Amd 1:2021</i>; <i>EN ISO 2719:2016/A1:2021</i>)																
119.	Otpad Waste	Određivanje gornje ogrjevne vrijednosti i izračun donje ogrjevne vrijednosti <i>Determination of gross calorific value and calculation of net calorific value</i>	HRS CEN/TS 16023:2014 (<i>CEN/TS 16023:2013</i>)																
120.	Otpad Waste	Određvanje sadržaja halogena i sumpora – Izgaranje u atmosferi kisika u zatvorenim sustavima i metode određivanja <i>Halogen and sulfur content – Oxygen combustion in closed systems and determination methods</i>	HRN EN 14582:2016 (<i>EN 14582:2016</i>)																
121.	Otpad Waste	Određivanje žive (Hg) na živinom analizatoru <i>Determination of mercury (Hg) with Mercury analyzer</i> Granica kvantifikacije/<i>Quantification limit</i> 0,10 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-109 izdanje/<i>edition</i> 2 04.08.2022.																
122.	Tlo i sediment Soil and sediment	Određivanje ukupnog organskog ugljika (TOC+TC+TIC) <i>Determination of Total Organic Carbon (TOC+TC+TIC)</i> Granica kvantifikacije/<i>Quantification limit</i> 1.0 g/kg	HRN ISO 10694:2004 (<i>ISO 10694:1995</i>)																

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> <i>Raspon/Range</i>	Metoda ispitivanja <i>Test method</i>
123.	Prirodna i umjetna jezera <i>Natural and man-made lakes</i>	Uzrokovanje <i>Sampling</i>	HRN ISO 5667-4:2016 <i>(ISO 5667-4:2016)</i>
124.	Rijeke i potoci <i>Rivers and streams</i>	Uzorkovanje <i>Sampling</i>	HRN EN ISO 5667-6:2016 <i>(ISO 5667-6:2014; EN ISO 5667-6:2016)</i> HRN EN ISO 5667-6:2016/A11:2020 <i>(EN ISO 5667-6:2016/A11:2020)</i>
125.	Površinska voda <i>Surface water</i>	Određivanje prozirnosti <i>Determination of water transparency</i>	Vlastita metoda/ <i>In-house method</i> RU-OTV-105 izdanje/edition 2 01.03.2021.
126.	Otpadna voda, površinske i podzemne vode <i>Waste water, surface and ground water</i>	Određivanje fenola (HACH, LCK 345 kivetni test) <i>Determination of phenols (HACH, LCK 345 cuvette test)</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,050 mg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-044 izdanje/edition 4 01.03.2021.
127.	Otpadna voda <i>Waste water</i>	Određivanje ostataka organoklornih pesticida (GC-MS/MS) <i>Determination of organochlorine pesticide residues (GC-MS/MS)</i> endrin, dieldrin, p,p-DDT, o,p-DDT, p,p-DDE o,p-DDE, o,p-DDD, alfa-HCH, beta-HCH delta-HCH, lindan, alfa-endosulfan, beta-endosulfan, heksaklorbenzen, heptaklor <i>endrin, dieldrin, p,p-DDT, o,p-DDT, p,p-DDE o,p-DDE, o,p-DDD, alpha-HCH, beta-HCH delta-HCH, lindane, alpha-endosulphan beta-endosulphan, hexachlorobenzene heptachlor</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,1 µg/L	Vlastita metoda/ <i>In-house method</i> RU-OTV-064 izdanje/ edition 2 12.10.2022.
128.	Tlo <i>Soil</i>	Određivanje ostataka pesticida (GC-MS/MS) <i>Determination of pesticide residues (GC-MS/MS)</i> aldrin, lindan, p,p-DDE, dieldrin, alfa-endosulfan, beta-endosulfan <i>aldrin, lindane, p,p-DDE, dieldrin alpha-endosulphan, beta-endosulphan</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,01 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-121 izdanje/ edition 2 12.10.2022. modificirana/modified HRN ISO 10382:2009 <i>(ISO 10382:2002)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
129.	Otpadna voda, površinske i podzemne vode Waste water, surface and ground water	Određivanje lakohlapivih kloriranih ugljikovodika (VOC) – tetrahidrofurana i tetrahidrotiofena, (HS-GC-MS) <i>Determination volatile chlorinated hydrocarbons (VOC) - tetrahydrofuran and tetrahydrothiophene, (HS-GC-MS)</i> Granica kvantifikacije/ <i>Quantification limit</i> 10 µg/l	Vlastita metoda/ <i>In-house method</i> RU-OTV-063-2 izdanje/edition 2 13.10.2022
130.	Mulj, digestat, kompost Sludge, digestate, compost	Uzorkovanje <i>Sampling</i>	HRN EN ISO 5667-13:2011 <i>(ISO 5667-13:2011; EN ISO 5667-13:2011)</i>
131.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje pH <i>Determination of pH</i>	HRN EN 10390:2022 <i>(ISO 10390:2021 EN ISO 10390:2022)</i>
132.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje elektrovodljivosti <i>Determination of electroconductivity</i>	HRN EN 13038:2012 <i>(EN 13038:2011)</i>
133.	Digestat, kompost Digestate, compost	Određivanje udjela suhe tvari i vlage <i>Determination of dry matter fraction and moisture</i>	HRN EN 15934:2013 <i>(EN 15934:2012)</i>
134.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje gubitka žarenjem <i>Determination of loss on ignition</i>	HRN EN 15935:2021 <i>(EN 15935:2021)</i>
135.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje ukupnog ugljika (TC), ukupnog organskog ugljika (TOC) i ukupnog anorganskog ugljika (TIC) <i>Determination of total carbon (TC), total organic carbon (TOC) and total inorganic carbon (TIC)</i> Granica kvantifikacije/ <i>Quantification limit</i> 1 g/kg	HRN EN 15936:2022 <i>(EN 15936:2022)</i>
136.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje ukupnog dušika – prilagođena Kjeldahlova metoda <i>Determination of total nitrogen - modified Kjeldahl method</i>	HRN EN 16169:2013 <i>(EN 16169:2012)</i>
137.	Digestat, kompost Digestate, compost	Određivanje nečistoća i kamenja <i>Determination of impurities and stone</i>	HRS CEN/TS 16202:2014 <i>(CEN/TS 16202:2013)</i>
138.	Mulj, digestat, kompost, tlo i sediment Sludge, digestate, compost, soil and sediment	Određivanje fosfora (P ₂ O ₅) <i>Determination of phosphorus (P₂O₅)</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,10 %	Vlastita metoda/ <i>In-house method</i> RU-OTV-062 izdanje/ edition 2 09.01.2023.
139.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje ukupne žive (Hg) na živinom analizatoru <i>Determination of Mercury with Mercury analyzer</i> Granica kvantifikacije/ <i>Quantification limit</i> 0,010 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-158 izdanje/ edition 2 07.11.2022.

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
140.	Digestat, kompost <i>Digestate, compost</i>	Detekcija i brojenje <i>Salmonella</i> spp. - Kvalitativna metoda određivanja obogaćivanjem u tekućoj podlozi pepton-novobiocin prema Rapport-Vassiliadis –u <i>Characterization of sludges – Detection and enumeration of Salmonella spp. - Presence/absence method by liquid enrichment in peptone-novobiocin medium followed by Rapport-Vassiliadis</i>	HRI CEN/TR 15215-3:2008 (CEN/TR 15215-3:2006)
141.	Digestat, kompost <i>Digestate, compost</i>	Detekcija i brojenje <i>Escherichia coli</i> <i>Detection and enumeration of Escherichia coli</i>	Vlastita metoda/ <i>In-house method</i> RU-OTV-142 izdanje/edition 1 10.01.2020.
142.	Podzemna, površinska i otpadna voda <i>Ground water, surface water, waste water</i>	Određivanje polibromiranih difenil etera (PBDE) (GC-MS/MS) <i>Determination of PBDE (GC-MS/MS)</i> Granica kvantifikacije/ <i>Quantification limit</i> BDE 28 0,00006 µg/l BDE 47 0,00006 µg/l BDE 99 0,00006 µg/l BDE 100 0,00006 µg/l BDE 153 0,00006 µg/l BDE 154 0,00006 µg/l	Vlastita metoda/ <i>In-house method</i> RU-OTV-073 izdanje/edition 2 01.03.2021.
143.	Podzemna, površinska i otpadna voda <i>Ground water, surface water, waste water</i>	Određivanje ftalata (GC-MS/MS) <i>Determination of phthalate (GC-MS/MS)</i> Granica kvantifikacije/ <i>Quantification limit</i> BBP 0,001 mg/l DEHP 0,001 mg/l DNOP 0,001 mg/l	Vlastita metoda/ <i>In-house method</i> RU-OTV-088 izdanje/edition 2 01.03.2021.
144.	Otpad <i>Waste</i>	Određivanje ukupnog ugljika (TC), ukupnog organskog ugljika (TOC) i ukupnog anorganskog ugljika (TIC) <i>Determination of total carbon (TC), total organic carbon (TOC) and total inorganic carbon (TIC)</i> Granica kvantifikacije/ <i>Quantification limit</i> 1 g/kg	HRN EN 15936:2022 (EN 15936:2022)

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
145.	Podzemna, površinska, voda za ljudsku potrošnju, otpadna voda, eluat otpada * <i>Ground water, surface water, water for human consumption, waste water, waste eluate</i>	Određivanje otopljenih aniona ionskom tekućinskom kromatografijom – 1. dio: Određivanje klorida, fluorida, nitrata, nitrita, fosfata i sulfata <i>Determination of dissolved anions by liquid chromatography of ions – Part 1: Determination of chloride, fluoride, nitrate, nitrite, phosphate and sulfate</i> Granica kvantifikacije/<i>Quantification limit</i> Nitrit 0,015 mg NO₂/l (Nitrite) 0,0046 mg N/l Nitrat 0,10 mg NO₃/l (Nitrate) 0,023 mgN/l Fosfat 0,010 mg PO₄/l (Phospate) 0,0033 mg P/l Fluorid 0,15 mg/l (Fluoride) Klorid 1,0 mg/l (Chloride) Sulfat 0,35 mg/l (Sulphate)	HRN EN ISO 10304-1:2009 (ISO 10304-1:2007; EN ISO 10304-1:2009)
146.	Tlo, sediment <i>Soil, sediment</i>	Određivanje ukupne žive (Hg) na živinom analizatoru <i>Determination of Mercury with mercury analyser</i> Granica kvantifikacije/<i>Quantification limit</i> 0,010 mg/kg	Vlastita metoda/ <i>In-house method</i> RU-OTV-159 izdanje/edition 2 07.11.2022.

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method																		
147.	Podzemna, površinska, voda za ljudsku potrošnju, otpadna voda i eluat otpada * Ground water, surface water, water for human consumption, waste water and waste eluate	Određivanje Ag, Al, As, Ca, Cu, B, Ba, Be, Cd, Cr, Co, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sn, V, TI, Zn (ICP-MS) Determination of Ag, Al, As, Ca, Cu, B, Ba, Be, Cd, Cr, Co, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sn, V, TI, Zn (ICP-MS) Granica kvantifikacije/Quantification limit Podzemna, površinska, otpadna voda/ Groundwater, surface water, waste water <table><tr><td>Ca, K, Mg, Na, Si</td><td>0,100 mg/l</td></tr><tr><td>Ag, Al, B, Be, Fe, Sn</td><td>0,010 mg/l</td></tr><tr><td>As, Cu, Ba, Cd, Cr, Co, Mn, Mo, Ni, Pb, Se, Sb, TI, V, Zn</td><td>0,001 mg/l</td></tr><tr><td>Hg, Cu (površinska voda)</td><td>0,0001 mg/l</td></tr></table> Eluat otpada/Waste eluate <table><tr><td>As, Cu, Ba, Cd, Cr, Mo, Ni, Pb, Se, Sb, Zn</td><td>0,001 mg/l</td></tr><tr><td>Hg</td><td>0,0001 mg/l</td></tr></table> Voda za ljudsku potrošnju/Water for human consumption <table><tr><td>Al, B, Be, Fe</td><td>0,010 mg/l</td></tr><tr><td>As, Ag, Cu, Ba, Cd, Cr, Co, Mn, Ni, Pb, Se, V, Zn</td><td>0,001 mg/l</td></tr><tr><td>Hg</td><td>0,0001 mg/l</td></tr></table>	Ca, K, Mg, Na, Si	0,100 mg/l	Ag, Al, B, Be, Fe, Sn	0,010 mg/l	As, Cu, Ba, Cd, Cr, Co, Mn, Mo, Ni, Pb, Se, Sb, TI, V, Zn	0,001 mg/l	Hg, Cu (površinska voda)	0,0001 mg/l	As, Cu, Ba, Cd, Cr, Mo, Ni, Pb, Se, Sb, Zn	0,001 mg/l	Hg	0,0001 mg/l	Al, B, Be, Fe	0,010 mg/l	As, Ag, Cu, Ba, Cd, Cr, Co, Mn, Ni, Pb, Se, V, Zn	0,001 mg/l	Hg	0,0001 mg/l	Vlastita metoda/ In-house method RU-OTV-162 Izdanje/edition 3 12.08.2021.
Ca, K, Mg, Na, Si	0,100 mg/l																				
Ag, Al, B, Be, Fe, Sn	0,010 mg/l																				
As, Cu, Ba, Cd, Cr, Co, Mn, Mo, Ni, Pb, Se, Sb, TI, V, Zn	0,001 mg/l																				
Hg, Cu (površinska voda)	0,0001 mg/l																				
As, Cu, Ba, Cd, Cr, Mo, Ni, Pb, Se, Sb, Zn	0,001 mg/l																				
Hg	0,0001 mg/l																				
Al, B, Be, Fe	0,010 mg/l																				
As, Ag, Cu, Ba, Cd, Cr, Co, Mn, Ni, Pb, Se, V, Zn	0,001 mg/l																				
Hg	0,0001 mg/l																				
148.	Sediment Sediment	Određivanje elemenata (As, Ba, Cd, Co, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Fe, V, Zn) (ICP-MS) Determination of elements (As, Ba, Cd, Co, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Fe, V, Zn) (ICP-MS) Granica kvantifikacije/Quantification limit 0.010 mg/kg	Vlastita metoda/ In-house method RU-OTV-165 izdanje/edition 3 25.05.2021.																		

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method				
149.	Tlo, mulj, kompost, digestat Soil, sludge, digestate, compost	Određivanje elemenata (As, Ba, Ca, Cd, Co, Cr, Cu, Hg, K, Mg, Mo, Mn, Ni, Pb, Sb, Se, Fe, V, Zn) (ICP-MS) Determination of elements (As, Ba, Ca, Cd, Co, Cr, Cu, Hg, K, Mg, Mo, Mn, Ni, Pb, Sb, Se, Fe, V, Zn) (ICP-MS) Granica kvantifikacije/Quantification limit 0,010 mg/kg	Vlastita metoda/ In-house method RU-OTV-166 izdanje/edition 4 19.08.2022.				
150.	Otpad Waste	Određivanje elemenata (Ag, Al, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Fe, Hg, K, Na, Ni, Mg, Mn, Mo, Pb, Se, Sn, Sb, Tl, V, Zn) (ICP-MS) Determination of elements (Ag, Al, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Fe, Hg, K, Na, Ni, Mg, Mn, Mo, Pb, Se, Sn, Sb, Tl, V, Zn) (ICP-MS) Granica kvantifikacije/Quantification limit <table><tr><td>Mg, Na, K, Ca</td><td>0,100 mg/kg</td></tr><tr><td>Ag, Al, B, Ba, Be, Cd, Cr, Co, Cu, Fe, Hg, Ni, , Mn, Mo, Pb, Se, Sn, Sb, Tl, V, Zn</td><td>0,010 mg/kg</td></tr></table>	Mg, Na, K, Ca	0,100 mg/kg	Ag, Al, B, Ba, Be, Cd, Cr, Co, Cu, Fe, Hg, Ni, , Mn, Mo, Pb, Se, Sn, Sb, Tl, V, Zn	0,010 mg/kg	Vlastita metoda/ In-house method RU-OTV-163 izdanje/edition 4 19.04.2022.
Mg, Na, K, Ca	0,100 mg/kg						
Ag, Al, B, Ba, Be, Cd, Cr, Co, Cu, Fe, Hg, Ni, , Mn, Mo, Pb, Se, Sn, Sb, Tl, V, Zn	0,010 mg/kg						
151.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje policikličkih aromatskih ugljikovodika (PAH) – Plinsko-kromatografska metoda (GC-MS) Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC-MS) Granica kvantifikacije/Quantification limit 0,010 mg/kg	Vlastita metoda/ In-house method RU-OTV-161 izdanje/edition 3 01.04.2022.				
152.	Mulj, digestat, kompost Sludge, digestate, compost	Određivanje polikloriranih bifenila (PCB) (GC-MS) Determination of polychlorinated biphenyls (PCB)(GC-MS) Granica kvantifikacije/Quantification limit 0,010 mg/kg	Vlastita metoda/ In-house method RU-OTV-141 izdanje/edition 3 01.04.2022.				

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> Raspon/Range	Metoda ispitivanja <i>Test method</i>
153.	Podzemna, površinska, voda za ljudsku potrošnju, otpadna voda, eluat otpada * <i>Ground water, surface water, water for human consumption, waste water, waste eluate</i>	Određivanje otopljenih Na⁺, NH₄⁺, K⁺, Ca²⁺, Mg²⁺ ionskom kromatografijom <i>Determination of dissolved Na⁺, NH₄⁺, K⁺, Ca²⁺, Mg²⁺ using ion chromatography</i> Granica kvantifikacije/<i>Quantification limit</i> Natrij 1,0 mg/l (<i>Sodium</i>) Kalij 1,0 mg/l (<i>Potassium</i>) Kalcij 1,0 mg/l (<i>Calcium</i>) Magnezij 1,0 mg/l (<i>Magnesium</i>) Amonij 0,050 mgNH₄/l (<i>Ammonium</i>) 0,039 mgN/l	HRN EN ISO 14911:2001 (<i>ISO 14911:1998; EN ISO 14911:1999</i>)

*Uz pripremu analitičkog uzorka eluata otpada prema HRN EN 12457-1:2005 (*EN 12457-1:2002*), HRN EN 12457-2:2005 (*EN 12457-2:2002*), HRN EN 12457-4:2005 (*EN 12457-4:2002*) / *With preparation of waste eluates for analysis according to HRN EN 12457-1:2005 (EN 12457-1:2002), HRN EN 12457-2:2005 (EN 12457-2:2002), HRN EN 12457-4:2005 (EN 12457-4:2002)*

** Uz pripremu analitičkog uzorka mulja, digestata, komposta prema: HRS CEN/TS 16177:2012 (*CEN/TS 16177:2012*) / *With preparation of sample of sludge, digestate, compost according to HRS CEN/TS 16177:2012 (CEN/TS 16177:2012)*

FLEKSIBILNO PODRUČJE AKREDITACIJE/FLEXIBLE SCOPE OF ACCREDITATION

Oznaka/ Identification	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Tehnika ispitivanja Test technique	Metoda ispitivanja Test method
A	Hrana biljnog porijekla <i>Foods of plant origin</i>	Određivanje ostataka pesticida <i>Determination of pesticide residues</i>	LC-MS/MS	Prema popisu metoda dostupnom na www.eurofins.hr <i>According to the list of methods available on www.eurofins.hr</i>
B			GC-MS/MS	
G	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Određivanje mikotoksina i biljnih toksina <i>Determination of mycotoxins and plant toxins</i>	LC-MS/MS	Prema popisu metoda dostupnom na www.eurofins.hr <i>According to the list of methods available on www.eurofins.hr</i>
H	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Određivanje mikotoksina i biljnih toksina <i>Determination of mycotoxins and plant toxins</i>	HPLC	Prema popisu metoda dostupnom na www.eurofins.hr <i>According to the list of methods available on www.eurofins.hr</i>
I	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Određivanje metala i nemetala <i>Determination of metal and non-metals</i>	ICP-MS	Prema popisu metoda dostupnom na www.eurofins.hr <i>According to the list of methods available on www.eurofins.hr</i>

LC-MS/MS - tekućinska kromatografija vezana sa spregnutom spektrometrijom masa/ **LC-MS/MS** - *liquid chromatography - tandem mass spectrometry*
GC-MS/MS - plinska kromatografija vezana sa spregnutom spektrometrijom masa/ **GC-MS/MS** - *gas chromatography - tandem mass spectrometry*
HPLC – tekućinska kromatografija visoke djelotvornosti / *High performance liquid chromatography*
ICP-MS - masena spektrometrija induktivno vezane plazme / **ICP-MS** *inductively coupled plasma /mass spectrometry*

Fleksibilnim područjem akreditacije dopušta se laboratoriju primjena metoda ispitivanja na materijale/proizvode, vrstu ispitivanja/svojstvo i raspone unutar područja, u skladu s dokumentiranim i odobrenim postupcima laboratorija./

Flexible scope allows laboratory application of test methods for materials/products, type of test/property and ranges within the scope, in accordance with the laboratory's documented and approved procedures.

Važeći popis akreditiranih metoda iz fleksibilnog područja akreditacije dostupan je na www.eurofins.hr./ *The valid list of accredited methods in the flexible scope is available on www.eurofins.hr*