



Potvrda o akreditaciji Accreditation Certificate

Ovime se utvrđuje da je
This is to recognize that

**NASTAVNI ZAVOD ZA JAVNO ZDRAVSTVO
OSJEČKO-BARANJSKE ŽUPANIJE**
Drinska 8, HR-31000 Osijek
SLUŽBA ZA ZDRAVSTVENU EKOLOGIJU
Franje Krežme 1, HR-31000 Osijek

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

**Ispitivanja voda, hrane, hrane za životinje, okolišnih uzoraka,
predmeta opće uporabe, vanjskog zraka, otpada i kontrola
mikrobiološke čistoće objekata u proizvodnji hrane
Uzorkovanje voda, sedimenta, hrane, otpada i okolišnih uzoraka**

Testing of waters, food, animal feeding stuffs, environmental samples,
objects of common use, ambient air, waste and hygiene control in food
production facilities
Sampling of waters, sediment, food, waste and environmental samples

**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.: 1183
Klasa/Ref.No.: 383-02/24-30/003
Urbroj/Id.No.: 569-02/3-24-53
Zagreb, 2024-07-07

Akreditacija istječe-Accreditation expiry: 2029-07-06
Prva akreditacija-Initial accreditation: 2009-07-07

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



Hrvatska akreditacijska agencija
Croatian Accreditation Agency

PRILOG POTVRDI O AKREDITACIJI br: 1183*Annex to Accreditation Certificate Number:*

Klasa/Ref. No.: 383-02/24-30/003

Urbroj/Id. No.: 569-02/3-24-52

Datum izdanja priloga /Annex Issued on: 2024-07-07

Zamjenjuje prilog/Replaces Annex:

Klasa/Ref. No.: 383-02/19-30/003

Urbroj/Id. No.: 569-02/8-23-40

Datum izdanja priloga /Annex Issued on: 2023-10-20

Norma: HRN EN ISO/IEC 17025:2017*Standard: (ISO/IEC 17025:2017; EN ISO/IEC 17025:2017)***Akreditacija istječe: 2029-07-06***Accreditation expiry:***Prva akreditacija: 2009-07-07***Initial accreditation:***Akreditirani laboratorij***Accredited laboratory***NASTAVNI ZAVOD ZA JAVNO ZDRAVSTVO OSJEČKO - BARANJSKE ŽUPANIJE**

Drinska 8, HR-31000 Osijek

SLUŽBA ZA ZDRAVSTVENU EKOLOGIJU

Franje Krežme 1, HR-31000 Osijek

Područje akreditacije:*Scope of accreditation:***Ispitivanja voda, hrane, hrane za životinje, okolišnih uzoraka, predmeta opće uporabe, vanjskog zraka, otpada i kontrola mikrobiološke čistoće objekata u proizvodnji hrane****Uzorkovanje voda, sedimenta, hrane, otpada i okolišnih uzoraka***Testing of waters, food, animal feeding stuffs, environmental samples, objects of common use, ambient air, waste and hygiene control in food production facilities**Sampling of waters, sediment, food, waste and environmental samples*

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 <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> Raspon/Range	Metoda ispitivanja <i>Test method</i>														
1.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne i tehnološke vode <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater and technological water</i>	<p>Određivanje polikloriranih bifenila (PCB 28; PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180) metodom plinske kromatografije <i>Determination of polychlorinated biphenyles (PCB 28; PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180) using gas chromatographic method</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <table border="0"> <tr><td>PCB 28</td><td>0,005 µg/L</td></tr> <tr><td>PCB 52</td><td>0,004 µg/L</td></tr> <tr><td>PCB101</td><td>0,005 µg/L</td></tr> <tr><td>PCB118</td><td>0,003 µg/L</td></tr> <tr><td>PCB 138</td><td>0,002 µg/L</td></tr> <tr><td>PCB 153</td><td>0,004 µg/L</td></tr> <tr><td>PCB 180</td><td>0,004 µg/L</td></tr> </table>	PCB 28	0,005 µg/L	PCB 52	0,004 µg/L	PCB101	0,005 µg/L	PCB118	0,003 µg/L	PCB 138	0,002 µg/L	PCB 153	0,004 µg/L	PCB 180	0,004 µg/L	HRN EN ISO 6468:2002 <i>(ISO 6468:1996; EN ISO 6468:1996)</i>
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2.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, otpadne i tehnološke vode <i>Water for human consumption, spring water, natural mineral water, table water, ground water, wastewater and technological water</i>	<p>Određivanje koncentracije žive metodom toplinskog razaranja, amalgamiranja i AAS <i>Mercury determination by thermal decomposition, amalgamation and atomic absorption spectrophotometry</i></p> <p>Granice kvantifikacije/ <i>Quantification limits</i></p> <p>0,10 µg Hg/L</p>	Vlastita metoda/ <i>In house method</i> AAS 006 Izdanje/Issue 10 2020-11-16														

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3.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska voda i tehnološke vode i eluat otpada*</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater, pool water, technological water and waste eluate*</i></p>	<p>Određivanje pH vrijednosti <i>Determination of pH</i></p> <p>od/from 3,0 do/to 12,0</p>	<p>HRN EN ISO 10523:2012 <i>(ISO 10523:2008; EN ISO 10523:2012)</i></p>														
4.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne i tehnološke vode</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater and technological water</i></p>	<p>Određivanje koncentracija policikličkih aromatskih ugljikovodika (PAH) metodom tekućinske kromatografije visoke djelotvornosti s fluorescentnom detekcijom <i>Determination polycyclic aromatic hydrocarbon (PAH) by HPLC with fluorescence detection</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <table border="0" data-bbox="603 1554 1043 2024"> <tr> <td>Naftalen/ <i>Naphthalene</i></td> <td>0,001 µg/L</td> </tr> <tr> <td>Fluoranten/ <i>Fluoranthene</i></td> <td>0,0006 µg/L</td> </tr> <tr> <td>Benzo(b)fluoranten/ <i>Benzo(b)fluoranthene</i></td> <td>0,005 µg/L</td> </tr> <tr> <td>Benzo(k)fluoranten/ <i>Benzo(k)fluoranthene</i></td> <td>0,002 µg/L</td> </tr> <tr> <td>Benzo(a)piren/ <i>Benzo(a)fluoranthene</i></td> <td>0,007 µg/L</td> </tr> <tr> <td>Benzo(g,h,i)perilen/ <i>Benzo(g,h,i)perylene</i></td> <td>0,004 µg/L</td> </tr> <tr> <td>Indeno(1,2,3-cd)piren/ <i>Indeno(1,2,3-cd)pyrene</i></td> <td>0,005 µg/L</td> </tr> </table>	Naftalen/ <i>Naphthalene</i>	0,001 µg/L	Fluoranten/ <i>Fluoranthene</i>	0,0006 µg/L	Benzo(b)fluoranten/ <i>Benzo(b)fluoranthene</i>	0,005 µg/L	Benzo(k)fluoranten/ <i>Benzo(k)fluoranthene</i>	0,002 µg/L	Benzo(a)piren/ <i>Benzo(a)fluoranthene</i>	0,007 µg/L	Benzo(g,h,i)perilen/ <i>Benzo(g,h,i)perylene</i>	0,004 µg/L	Indeno(1,2,3-cd)piren/ <i>Indeno(1,2,3-cd)pyrene</i>	0,005 µg/L	<p>Vlastita metoda/ <i>In house method</i> KR 033 Izdanje/Issue 5 2023-05-03</p> <p>Modificirana/ <i>Modified</i> HRN EN ISO 17993:2008 <i>(ISO 17993:2002; EN ISO 17993:2003)</i></p>
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Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property <i>Raspon/Range</i>	Metoda ispitivanja Test method
5.	Voda za ljudsku potrošnju, bazenska voda i tehnološke vode <i>Water for human consumption, pool water and technological water</i>	<p>Određivanje slobodnog klora kolorimetrijskom metodom s N,N-dietil-1,4-fenilendiaminom <i>Determination of free chlorine - Colorimetric method using N,N-diethyl-1,4-phenylenediamine</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>0,10 mg Cl₂/L</p>	<p>HRN EN ISO 7393-2:2018 <i>(ISO 7393-2:2017; EN ISO 7393-2:2018)</i></p>
6.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska voda, tehnološke vode i eluat otpada* <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater, pool water, technological water and waste eluate*</i>	<p>Određivanje električne vodljivosti <i>Determination of electrical conductivity</i></p> <p>od/from 50 μS/cm do/to 25000 μS/cm</p>	<p>HRN EN 27888:2008 <i>(ISO 7888:1985; EN 27888:1993)</i></p>
7.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska voda i tehnološke vode <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater, pool water and technological water</i>	<p>Određivanje mutnoće <i>Determination of turbidity</i></p> <p>od/from 0,05 NTU do/to 400 NTU</p>	<p>HRN EN ISO 7027-1:2016 <i>(ISO 7027-1:2016; EN ISO 7027-1:2016)</i></p>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
8.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska voda i tehnološke vode <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater, pool water and technological water</i></p>	<p>Određivanje koncentracije arsena (As), srebra (Ag), aluminija (Al), kadmija (Cd), ukupnog kroma (Cr), bakra (Cu), nikla (Ni), olova (Pb), antimona (Sb), selena (Se) i vanadija (V) atomskom apsorpcijskom spektrometrijom s grafitnom peći <i>Determination of arsenic, silver, aluminium, cadmium, total chromium, copper, nickel, lead, antimony, selenium and vanadium by atomic absorption spectrometry with graphite furnace</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, otpadne, bazenska voda, tehnološke i podzemne vode <i>Water for human consumption, spring water, natural mineral water, table water, wastewater pool water, technological and ground water</i></p> <p>As, Ag, V: 1,00 µg/L Al, Cu, Ni, Pb, Sb, Se: 5,00 µg/L Cd: 0,1 µg/L Cr: 2,50 µg/L</p> <p>Površinske vode / <i>surface water</i></p> <p>As, Ag, V: 1,00 µg/L Al, Cu, Sb, Se: 5,00 µg/L Cd: 0,02 µg/L Cr: 2,50 µg/L Ni: 0,48 µg/L Pb: 0,12 µg/L</p>	<p>HRN EN ISO 15586:2008 <i>(ISO 15586:2003; EN ISO 15586:2003)</i></p>

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9.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne i stolne vode <i>Water for human consumption, spring water, natural mineral water and table water</i>	Određivanje otopljenog amonija ionskom kromatografijom <i>Determination of dissolved NH₄⁺ by ion chromatography</i> Granice kvantifikacije/ <i>Quantification limits:</i> NH ₄ ⁺ 0,005 mg/L	HRN EN ISO 14911:2001 <i>(EN ISO 14911:1999; ISO 14911:1998)</i>
10.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne i podzemne vode <i>Water for human consumption, spring water, natural mineral water, table water and ground water</i>	Određivanje otopljenih natrija, kalija, magnezija i kalcija ionskom kromatografijom <i>Determination of dissolved Na⁺, K⁺, Mg²⁺, Ca²⁺ by ion chromatography</i> Granice kvantifikacije/ <i>Quantification limits:</i> Na ⁺ 1,0 mg/L K ⁺ 1,0 mg/L Mg ²⁺ 1,0 mg/L Ca ²⁺ 1,0 mg/L	HRN EN ISO 14911:2001 <i>(EN ISO 14911:1999; ISO 14911:1998)</i>
11.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne i stolne vode <i>Water for human consumption, spring water, natural mineral water and table water</i>	Određivanje otopljenih fluorida, klorida, nitrita, nitrata, sulfata i fosfata ionskom kromatografijom <i>Determination of dissolved chloride, nitrite, nitrate, sulfate and phosphate ions by ion chromatography</i> Granice kvantifikacije/ <i>Quantification limits:</i> F ⁻ 0,10 mg/L Cl ⁻ 5,0 mg/L NO ₂ ⁻ 0,10 mg/L NO ₃ ⁻ 1,0 mg/L SO ₄ ²⁻ 5,0 mg/L PO ₄ ³⁻ 0,10 mg/L; 33 µg P/L	HRN EN ISO 10304-1:2009 <i>(ISO 10304-1:2007, EN ISO 10304-1:2009)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
12.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, bazenska, tehnološke vode i led</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, pool water, technological water and ice</i></p>	<p>Detekcija i brojenje <i>Pseudomonas aeruginosa:</i> Metoda membranske filtracije <i>Detection and enumeration of Pseudomonas aeruginosa:</i> Metoda by membrane filtration</p>	<p>HRN EN ISO 16266:2008 <i>(ISO 16266:2006;</i> <i>EN ISO 16266:2008)</i></p>
13.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, bazenska, tehnološke vode i led</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, pool water, technological water and ice</i></p>	<p>Brojenje uzgojenih mikroorganizama – Broj kolonija nacjepljivanjem na hranjivi agar <i>Enumeration of culturable microorganisms – Colony count by inoculation in a nutrient agar culture medium</i></p>	<p>HRN EN ISO 6222:2000 <i>(ISO 6222:1999;</i> <i>EN ISO 6222:1999)</i></p>
14.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, bazenska, tehnološke, otpadne vode i led</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, pool water, technological water, waste water and ice</i></p>	<p>Brojenje <i>Clostridium perfringens</i> - Metoda s uporabom membranske filtracije <i>Enumeration of Clostridium perfringens -- Method using membrane filtration</i></p>	<p>HRN EN ISO 14189:2016 <i>(ISO 14189:2013;</i> <i>EN ISO 14189:2016)</i></p>

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15.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska, tehnološke vode, voda za kupanje i led <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater, pool water, technological water, bathing water and ice</i>	Detekcija i brojenje fekalnih streptokoka: Metoda membranske filtracije <i>Detection and enumeration of intestinal enterococci: Method by membrane filtration</i>	HRN EN ISO 7899-2:2000 <i>(ISO 7899-2:2000; EN ISO 7899-2:2000)</i>
16.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, bazenska, tehnološke vode i led <i>Water for human consumption, spring water, natural mineral water, table water, ground water, pool water, technological water and ice</i>	Brojenje <i>Escherichia coli</i> i koliformnih bakterija: Metoda membranske filtracije za vode s niskom pozadinom bakterijske flore <i>Enumeration of Escherichia coli and coliform bacteria: Method by membrane filtration for waters with low bacterial background flora</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>

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>
17.	<p>Voda za ljudsku potrošnju, površinska voda, voda za kupanje, otpadne i tehnološke vode</p> <p><i>Water for human consumption, surface water, bathing water, wastewater and technological water</i></p>	<p>Brojenje <i>Escherichia coli</i>, koliformnih bakterija i fekalnih koliforma: Metoda membranske filtracije</p> <p><i>Enumeration of Escherichia coli, coliform bacteria, faecal coliform: Method by membrane filtration</i></p>	<p>Vlastita metoda/ <i>In house method</i> MBV 020 Izdanje/Issue 7 2019-05-16</p> <p>Modificirana/ <i>Modified</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></p>
18.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske vode, tehnološke vode, otpadne vode i led</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, technological water, waste water and ice</i></p>	<p>Detekcija i brojenje spora sulfitoreducirajućih anaeroba (klostridija): Metoda membranske filtracije</p> <p><i>Detection and enumeration of the spores of sulfite-reducing anaerobes (Clostridia) - Method by membrane filtration</i></p>	<p>HRN EN 26461-2:2008 <i>(ISO 6461-2:1986; EN 26461-2:1993)</i></p>
19.	<p>Vanjski zrak</p> <p><i>Ambient air</i></p>	<p>Kvalitativna i kvantitativna analiza alergene peludi u zraku – volumetrijska Hirst metoda</p> <p><i>Qualitative and quantitative analysis of pollen allergens in the air – the volumetric Hirst method</i></p> <p>Područje primjene <i>Field of application:</i></p> <p>0 - >1500 pel. zrnaca/m³ zraka / <i>pollen grain count/m³ air</i></p>	<p>Vlastita metoda/ <i>In house method</i> VZ 018 Izdanje/Issue 4 2024-05-10</p>

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20.	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;</i> <i>EN ISO 19458:2006)</i>
21.	Okolišni uzorci u proizvodnji i prometu hrane <i>Environmental samples in the production and distribution of food</i>	Horizontalne metode za postupke uzorkovanja s površine <i>Horizontal methods for sampling techniques from surfaces</i>	HRN EN ISO 18593:2019 <i>(ISO 18593:2018,</i> <i>EN ISO 18593:2018)</i>
22.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda određivanje broja koagulaza pozitivnih stafilokoka (<i>Staphylococcus aureus</i> i druge vrste) Postupak primjene Baird-Parker agara <i>Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)</i> <i>Technique using Baird-Parker agar medium</i>	HRN EN ISO 6888-1:2021 <i>(ISO 6888-1:2021;</i> <i>EN ISO 6888-1:2021)</i> HRN EN ISO 6888-1:2021/A1:2023 <i>(ISO 6888-1:2021/Amd 1:2023;</i> <i>EN ISO 6888-1:2021/A1:2023)</i>
23.	Hrana i hrana za životinje	Horizontalna metoda za dokazivanje prisutnosti <i>Salmonella</i> spp. <i>Horizontal method for the presence of Salmonella spp.</i>	HRN EN ISO 6579-1:2017 <i>(ISO 6579-1:2017;</i> <i>EN ISO 6579-1:2017)</i> HRN EN ISO 6579-1:2017/A1:2020 <i>(ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020)</i>
24.	Okolišni uzorci <i>Food and animal feeding stuffs</i> <i>Environmental samples</i>	Horizontalna metoda za dokazivanje prisutnosti i određivanje broja <i>Listeria monocytogenes</i> i drugih <i>Listeria</i> spp. Metoda dokazivanja prisutnosti <i>Horizontal method for the detection and enumeration of Listeria monocytogenes and other Listeria spp. - Detection method</i>	HRN EN ISO 11290-1:2017 <i>(ISO 11290-1:2017;</i> <i>EN ISO 11290-1:2017)</i>

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>
25.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za dokazivanje prisutnosti i određivanje broja <i>Listeria monocytogenes</i> i drugih <i>Listeria</i> spp. Metoda određivanja broja <i>Horizontal method for the detection and enumeration of Listeria monocytogenes and other Listeria spp. - Enumeration method</i>	HRN EN ISO 11290-2:2017 <i>(ISO 11290-2:2017; EN ISO 11290-2:2017)</i>
26.		Metoda brojenja β -glucuronidasa pozitivne <i>Escherichia coli</i> : 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 Escherichia coli: Colony-count technique at 44°C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide</i>	HRN ISO 16649-2:2001 <i>(ISO 16649-2:2001)</i>
27.	Hrana i hrana za životinje Okolišni uzorci <i>Food and animal feeding stuffs</i> <i>Environmental samples</i>	Horizontalna metoda za dokazivanje prisutnosti i određivanje broja <i>Enterobacteriaceae</i> Postupak određivanja broja kolonija <i>Horizontal methods for the detection and enumeration of Enterobacteriaceae</i> <i>Colony-count method</i>	HRN EN ISO 21528-2:2017 <i>(ISO 21528-2:2017, EN ISO 21528-2:2017)</i>
28.	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 the enumeration of Bacillus cereus - Colony count technique at 30°C</i>	HRN EN ISO 7932:2005 <i>(ISO 7932:2004; EN ISO 7932:2004)</i>

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>
29.		Horizontalna metoda za određivanje broja mikroorganizama – 1.dio: Određivanje broja kolonija pri 30°C tehnikom nalijevanja podloge <i>Horizontal method for the enumeration of microorganisms – Part 1: Colony count at 30°C by the pour plate technique</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>
30.	Hrana i hrana za životinje Okolišni uzorci <i>Food and animal feeding stuffs</i> <i>Environmental samples</i>	Horizontalna metoda za određivanje broja mikroorganizama – 2.dio: Određivanje broja kolonija pri 30°C tehnikom naciepljivanja na površinu podloge <i>Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30°C by the surface plating technique</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/AC: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>
31.	Hrana <i>Food</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>Horizontal method for the detection and enumeration of Clostridium spp. - Part 1: Enumeration of sulfite-reducing Clostridium spp. by colony-count technique</i>	HRN EN ISO 15213-1:2023 <i>(ISO 15213-1:2023; EN ISO 15213-1:2023)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojsvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
32.	Hrana i hrana za životinje Food and animal feeding stuffs	Horizontalna metoda za brojenje kvasaca i plijesni - Tehnika brojenja kolonija u proizvodima s aktivitetom vode većim od 0,95 <i>Horizontal method for the enumeration of yeasts and moulds - Colony count technique in products with water activity greater than 0,95</i>	HRN ISO 21527-1:2012 (ISO 21527-1:2008)
33.		Horizontalna metoda za brojenje kvasaca i plijesni - Tehnika brojenja kolonija u proizvodima s aktivitetom vode manjim ili jednakim 0,95 <i>Horizontal method for the enumeration of yeasts and moulds - Colony count technique in products with water activity less than or equal to 0,95</i>	HRN ISO 21527-2:2012 (ISO 21527-2:2008)
34.	Žitarice i proizvodi od žitarica Cereals and cereal products	Određivanje količine vode <i>Determination of moisture content</i>	HRN EN ISO 712:2010 (ISO 712:2009; EN ISO 712:2009)
35.		Određivanje količine pepela <i>Determination of total ash</i>	HRN EN ISO 2171:2023 (ISO 2171:2023; EN ISO 2171:2023)
36.	Hrana Food	Određivanje količine vode na 105°C do konstantne mase i računsko određivanje suhe tvari <i>Determination of moisture content at 105°C to constant mass and determination dry matter</i>	Vlastita metoda/ <i>In house method</i> KV 012 Izdanje/Issue 2 2024-04-29
37.		Određivanje količine pepela na 550°C <i>Determination of total ash at 550°C</i>	Vlastita metoda/ <i>In house method</i> KV 013 Izdanje/Issue 2 2024-04-29
38.		Određivanje sirovih vlakana metodom po Scharrer – Kürschner-u <i>Determination of crude fiber by Scharrer – Kürschner</i>	Vlastita metoda/ <i>In house method</i> KV 014 Izdanje/Issue 2 2024-05-10

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>
39.	Hrana <i>Food</i>	Određivanje masti metodom po Weibll – Stoldt-u <i>Determination of fat content by Weibll – Stoldt method</i>	Vlastita metoda/ <i>In house method</i> KV 015 Izdanje/Issue 2 2024-05-10
40.	Hrana osim mlijeka i mliječnih proizvoda <i>Food except milk and milk products</i>	Određivanje metilnih estera masnih kiselina iz životinjskih i biljnih masti i ulja <i>Determination of fatty acid methyl esters in animal and vegetable fats and oils</i>	HRN EN ISO 12966-1:2015 <i>(ISO 12966-1:2014; EN ISO 12966-1:2014)</i> HRN EN ISO 12966-1:2015/ Ispr.1:2015 <i>(EN ISO 12966-1:2014/AC:2015)</i> HRN EN ISO 12966-2:2017 <i>(ISO 12966-2:2017; EN ISO 12966-2:2017)</i> HRN EN ISO 12966-4:2015 <i>(ISO 12966-4:2015; EN ISO 12966-4:2015)</i>
41.	Masna hrana <i>Fatty food</i>	Određivanje benzo(a)pirena u masnoj hrani metodom tekućinske kromatografije visoke djelotvornosti s fluorescentnom detekcijom <i>Determination of benzo(a)pyrene in fatty food by HPLC with fluorescence detection</i> Granice kvantifikacije/ <i>Quantification limits:</i> 0,07 µg/kg	Vlastita metoda/ <i>In house method</i> KR 040 Izdanje/Issue 1 2017-05-18 Modificirana/ <i>Modified</i> HRS CEN/TS 16621:2014 <i>(CEN/TS 16621:2014)</i>
42.	Bezalkoholna osvježavajuća pića <i>Soft drinks</i>	Određivanje kofeina i benzoata metodom tekućinske kromatografije visokog učinka <i>Determination of caffeine and benzoate by high-performance liquid chromatography</i> Granice kvantifikacije/ <i>Quantification limits:</i> kofein/ <i>caffeine</i> : ≥ 6,0 mg/L benzoat/ <i>benzoate</i> : ≥ 8,0 mg/L	Vlastita metoda/ <i>In house method</i> KR 011 Izdanje/Issue 4 2022-02-15

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
43.	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska voda, tehnološke vode i eluat otpada*</p> <p><i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, waste, pool water, technological water and waste eluate*</i></p>	<p>Određivanje ukupnog organskog ugljika (TOC) i otopljenog organskog ugljika (DOC) <i>Determination of total organic carbon (TOC) and dissolved organic carbon (DOC)</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>TOC: 0,74 mg C/L DOC: 0,74 mg C/L</p>	<p>HRN EN 1484:2002 <i>(EN 1484:1997)</i></p>

<p>44.</p>	<p>Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, bazenska voda, tehnološke vode i eluat otpada* <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, pool water, technological water and waste eluate*</i></p>	<p>Određivanje koncentracije odabranih elemenata (aluminij, antimon, arsen, bakar, barij, berilij, bor, cink, kadmij, kobalt, kositar, krom, mangan, molibden, nikal, olovo, selen, srebro, stroncij, uran, talij, vanadij, željezo, živa, kalcij, kalij, magnezij, natrij) metodom spektrometrije masa s induktivno spregnutom plazmom <i>Determination of selected elements (aluminium, antimony, arsen, copper, barium, beryllium, boron, zinc, cadmium, cobalt, tin, chromium, manganese, molybdenum, nickel, lead, selenium, silver, strontium, uranium, thallium, vanadium, iron and mercury, calcium, potassium, magnesium, sodium) by inductively coupled plasma mass spectrometry (ICP-MS)</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>Aluminij/ <i>Aluminium:</i> 10 µg/L Antimon/ <i>Antimony:</i> 0,50 µg/L Arsen/ <i>Arsen:</i> 0,50 µg/L Bakar/ <i>Copper:</i> 0,50 µg/L Barij/ <i>Barium:</i> 10 µg/L Berilij/ <i>Berilium:</i> 0,50 µg/L Bor/ <i>Boron:</i> 50 µg/L Cink/ <i>Zinc:</i> 1,81 µg/L (površinska voda/surface water), 10 µg/L (voda za ljudsku potrošnju / water for human consumption) Kadmij/ <i>Cadmium:</i> 0,50 µg/L Kobalt/ <i>Cobalt:</i> 0,50 µg/L Kositar/ <i>Tin:</i> 0,50 µg/L Krom/ <i>Chromium:</i> 0,50 µg/L Mangan/ <i>Manganese:</i> 0,50 µg/L Molibden/ <i>Molybdenum:</i> 0,50 µg/L Nikal/ <i>Nickel:</i> 0,50 µg/L Olovo/ <i>Lead:</i> 0,50 µg/L Selen/ <i>Selenium:</i> 0,50 µg/L Srebro/ <i>Silver:</i> 0,50 µg/L Stroncij/ <i>Strontium:</i> 10 µg/L Talij/ <i>Thallium:</i> 0,50 µg/L Vanadij/ <i>Vanadium:</i> 0,50 µg/L Željezo/ <i>Iron:</i> 10 µg/L Živa/ <i>Mercury:</i> 0,02 µg/L Uran/ <i>Uranium:</i> 0,50 µg/L Kalcij/ <i>Calcium:</i> 0,50 mg/L Magnezij/ <i>Magnesium:</i> 0,50 mg/L Natrij/ <i>Sodium:</i> 0,50 mg/L Kalij/ <i>Potassium:</i> 0,50 mg/L</p> <p>Eluat otpada/Waste eluate Cr, Ni, Mo, Pb, Cu, Zn: 0,1 mg/L As, Se, Cd, Sb: 0,01 mg/L Ba: 1,0 mg/L Hg: 0,001 mg/L</p>	<p>HRN EN ISO 17294-2:2023 <i>(ISO 17294-2:2023, Corrected version 2024-02; EN ISO 17294-2:2023)</i></p>
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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>
45.	Bazenska voda, voda za ljudsku potrošnju, voda iz rashladnih tornjeva, procesna voda, otpadne i površinske vode <i>Pool water, water for human consumption, water from cooling towers, industrial water, wastewater and surface water</i>	Brojanje <i>Legionella</i> <i>Enumeration of Legionella</i>	HRN EN ISO 11731:2017 <i>(ISO 11731:2017; EN ISO 11731:2017)</i>
46.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne, površinske, otpadne, bazenska voda i tehnološke vode <i>Water for human consumption, spring water, natural mineral water, table water, ground water, surface water, wastewater, pool water and technological water</i>	Određivanje ukupnog dušika <i>Determination of total nitrogen</i> Granice kvantifikacije/ <i>Quantification limits:</i> 0,19 mg N/L	Vlastita metoda/ <i>In house method</i> VZ 023 Izdanje/Issue 1 2022-04-12
47.	Bazenska voda <i>Pool water</i>	Uzorkovanje <i>Sampling</i>	HRN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i>
48.	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>(ISO 5667-6:2014; EN ISO 5667-6:2016/A11:2020)</i> HRN EN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i>

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>
49.	Voda za ljudsku potrošnju, izvorske, prirodne mineralne, stolne vode, podzemne vode i bazenska voda <i>Water for human consumption, spring water, natural mineral water, table water, ground water and pool water</i>	Određivanje boje u vodama spektrofotometrijskom metodom <i>Spectrophotometric determination of colour in water</i> Granice kvantifikacije/ <i>Quantification limits:</i> 2,4 mg/L Pt/Co skale	SM 2120 C (2023) <i>(Standard methods, 24th Ed. 2023., 2120 C)</i>
50.	Površinske vode, bazenska voda i podzemne vode <i>Surface water, pool water and ground water</i>	Određivanje redoks potencijala u vodama <i>Determination of redox potential in water</i> Područje primjene/ <i>Field of application:</i> ±1000 mV	SM 2580 B (2023) <i>(Standard methods, 24th Ed. 2023, 2580 B)</i>

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method																																																		
51.	Voda za ljudsku potrošnju, izvorske, stolne, površinske, podzemne vode, bazenska voda i otpadne vode <i>Water for human consumption, spring water, table water, surface water, ground water, pool water and waste water</i>	<p>Određivanje trihalometana (kloroform, bromoform, bromdiklormetan, dibromklormetan) i lakohlapljivih halogeniranih ugljikovodika (tetrakloreten, trikloreten, tetraklormetan, 1,1,1-trikloreten, 1,2-dikloreten) metodom plinske kromatografije <i>Determination of trihalomethane (chloroform, bromoform, bromodichloromethane, dibromochloromethane) and highly volatile halogenated hydrocarbons (tetrachloroethene, trichloroethene, tetrachloromethane, 1,1,1-trichloroethane, 1,2-dichloroethane)</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <table border="1" data-bbox="562 708 1704 1367"> <thead> <tr> <th></th> <th>bazenska voda / <i>pool water</i> / µg/L</th> <th>površinske vode / <i>surface water</i> / µg/L</th> <th>voda za ljudsku potrošnju / <i>water for human consumption</i> / µg/L</th> <th>otpadne vode / <i>waste water</i> / mg/L</th> </tr> </thead> <tbody> <tr> <td>Kloroform / <i>chloroform</i></td> <td>2,5</td> <td>-</td> <td>2,5</td> <td>0,0015</td> </tr> <tr> <td>Bromoform / <i>bromoform</i></td> <td>2,5</td> <td>-</td> <td>2,5</td> <td>-</td> </tr> <tr> <td>Bromdiklormetan / <i>bromodichloromethane</i></td> <td>2,5</td> <td>-</td> <td>2,5</td> <td>-</td> </tr> <tr> <td>Dibromklormetan / <i>dibromochloromethane</i></td> <td>2,5</td> <td>-</td> <td>2,5</td> <td>-</td> </tr> <tr> <td>Tetrakloreten / <i>tetrachloroethene</i></td> <td>-</td> <td>0,025</td> <td>0,025</td> <td>0,0015</td> </tr> <tr> <td>Trikloreten / <i>trichloroethene</i></td> <td>-</td> <td>0,025</td> <td>0,025</td> <td>0,0015</td> </tr> <tr> <td>Tetraklormetan / <i>tetrachloromethane</i></td> <td>-</td> <td>-</td> <td>-</td> <td>0,0015</td> </tr> <tr> <td>1,1,1-trikloreten / <i>1,1,1-trichloroethane</i></td> <td>-</td> <td>0,025</td> <td>0,025</td> <td>-</td> </tr> <tr> <td>1,2-dikloreten / <i>1,2-dichloroethane</i></td> <td>-</td> <td>0,90</td> <td>0,90</td> <td>-</td> </tr> </tbody> </table>		bazenska voda / <i>pool water</i> / µg/L	površinske vode / <i>surface water</i> / µg/L	voda za ljudsku potrošnju / <i>water for human consumption</i> / µg/L	otpadne vode / <i>waste water</i> / mg/L	Kloroform / <i>chloroform</i>	2,5	-	2,5	0,0015	Bromoform / <i>bromoform</i>	2,5	-	2,5	-	Bromdiklormetan / <i>bromodichloromethane</i>	2,5	-	2,5	-	Dibromklormetan / <i>dibromochloromethane</i>	2,5	-	2,5	-	Tetrakloreten / <i>tetrachloroethene</i>	-	0,025	0,025	0,0015	Trikloreten / <i>trichloroethene</i>	-	0,025	0,025	0,0015	Tetraklormetan / <i>tetrachloromethane</i>	-	-	-	0,0015	1,1,1-trikloreten / <i>1,1,1-trichloroethane</i>	-	0,025	0,025	-	1,2-dikloreten / <i>1,2-dichloroethane</i>	-	0,90	0,90	-	HRN EN ISO 10301:2002 <i>(ISO 10301:1997; EN ISO 10301:1997)</i>
	bazenska voda / <i>pool water</i> / µg/L	površinske vode / <i>surface water</i> / µg/L	voda za ljudsku potrošnju / <i>water for human consumption</i> / µg/L	otpadne vode / <i>waste water</i> / mg/L																																																	
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Tetrakloreten / <i>tetrachloroethene</i>	-	0,025	0,025	0,0015																																																	
Trikloreten / <i>trichloroethene</i>	-	0,025	0,025	0,0015																																																	
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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>
52.	Voda za ljudsku potrošnju, bazenska, otpadne i površinske vode <i>Water for human consumption, pool water, wastewater and surface water</i>	Detekcija vrsta roda <i>Salmonella</i> <i>Detection of Salmonella</i>	HRN EN ISO 19250:2013 (ISO 19250:2010; EN ISO 19250:2013)
53.	Bazenska voda <i>Pool water</i>	Detekcija i brojenje <i>Staphylococcus aureus</i> u vodi: Metoda membranske filtracije <i>Detection and enumeration of Staphylococcus aureus in water: Method by membrane filtration</i>	SM 9213 B (2023) (Standard Methods 24th Ed. 2023, 9213 B)
54.	Kozmetika <i>Cosmetics</i>	Dokazivanje bakterije <i>Escherichia coli</i> <i>Detection of Escherichia coli</i>	HRN EN ISO 21150:2016 (ISO 21150:2015; EN ISO 21150:2015) HRN EN ISO 21150:2016/A1:2022 (ISO 21150:2015/Amd 1:2022; EN ISO 21150:2015/A1:2022)
55.		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)

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
56.	Kozmetika Cosmetics	Dokazivanje bakterije <i>Pseudomonas aeruginosa</i> Detection of <i>Pseudomonas aeruginosa</i>	HRN EN ISO 22717:2016 (ISO 22717:2015; EN ISO 22717:2015) HRN EN ISO 22717:2016/A1:2022 (ISO 22717:2015/Amd 1:2022; EN ISO 22717:2015/A1:2022)
57.		Dokazivanje kvasca <i>Candida albicans</i> Detection of <i>Candida albicans</i>	HRN EN ISO 18416:2016 (ISO 18416:2015; EN ISO 18416:2015) HRN EN ISO 18416:2016/A1:2022 (ISO 18416:2015/Amd 1:2022; EN ISO 18416:2015/A1:2022)
58.		Određivanje broja kvasaca i plijesni Enumeration of yeast and mould	HRN EN ISO 16212:2017 (ISO 16212:2017; EN ISO 16212:2017) HRN EN ISO 16212:2017/A1:2022 (ISO 16212:2017/Amd 1:2022; EN ISO 16212:2017/A1:2022)
59.		Određivanje broja i dokazivanje aerobnih mezofilnih bakterija Enumeration and detection of aerobic mesophilic bacteria	HRN EN ISO 21149:2017 (ISO 21149:2017; EN ISO 21149:2017) HRN EN ISO 21149:2017/A1:2022 (ISO 21149:2017/Amd 1:2022; EN ISO 21149:2017/A1:2022)

Br. No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
60.	Materijali i predmeti u kontaktu s hranom – plastika Materials and articles in contact with food – plastics	<p>Određivanje specifične migracije Cu, Ba, Zn, Co, Li, Mn, Fe u ekstraktu 3 vol % octene kiseline dobivenom iz materijala i predmeta koji dolaze u neposredan dodir s hranom (ICP-MS) <i>Determination of the specific migration Cu, Ba, Zn, Co, Li, Mn, Fe in extracts of 3 vol % acetic acid from materials and articles in contact with food (ICP-MS)</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>Bakar/ Copper: 0,0044 mg/kg Barij/ Barium: 0,0051 mg/kg Cink/ Zinc: 0,0040 mg/kg Kobalt/ Cobalt: 0,0038 mg/kg Litij/ Lithium: 0,0072 mg/kg Mangan/Manganese: 0,0046 mg/kg Željezo/ Iron: 0,0042 mg/kg</p>	Vlastita metoda/ In house method AAS 024 Izdanje/Issue 1 2024-04-26
61.		Ispitivanje globalne migracije u hlapljivim modelnim otopinama <i>Test methods for overall migration in evaporable simulants</i>	HRN EN 1186-3:2022 (EN 1186-3:2022)
62.	Hrana Food	Određivanje masti metodom po Rose-Gottlieb-u <i>Determination of fat content by Rose-Gottlieb method</i>	Vlastita metoda/ In house method KV 016 Izdanje/Issue 3 2024-04-29

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>
63.	Voda za ljudsku potrošnju, izvorske, stolne, površinske i podzemne vode <i>Water for human consumption, spring water, table water, surface water and ground water</i>	<p>Određivanje glifosata u vodi metodom tekućinske kromatografije visoke djelotvornosti s fluorescentnom detekcijom <i>Determination of glyphosate in water by High Pressure Liquid Chromatography and fluorometric detection</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>0,030 µg/L</p>	ISO 21458:2008
64.	Voda za ljudsku potrošnju, izvorske, stolne, površinske, podzemne tehnološke vode <i>Water for human consumption, spring water, table water, surface water, ground water and technological water</i>	<p>Određivanje klorita i klorata u vodi metodom ionske kromatografije <i>Determination of chlorite and chlorate in water by liquid chromatography of ions</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>ClO₂⁻ 100 µg/L ClO₃⁻ 100 µg/L</p>	HRN EN ISO 10304-4:2022 <i>(ISO 10304-4:2022; EN ISO 10304-4:2022)</i>
65.	Voda za ljudsku potrošnju, izvorske, stolne, površinske, podzemne tehnološke vode <i>Water for human consumption, spring water, table water, surface water, ground water and technological water</i>	<p>Određivanje bromata u vodi metodom ionske kromatografije <i>Determination of bromate in water by liquid chromatography of ions</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>BrO₃⁻ 3,0 µg/L</p>	HRN EN ISO 15061:2001 <i>(ISO 15061:2001, EN ISO 15061:2001)</i>

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>
66.	Med <i>Honey</i>	<p>Određivanje sadržaja hidroksimetil furfurala (hmf) u medu metodom tekućinske kromatografije visokog učinka <i>Determination of hydroxymethylfurfural in honey by High Pressure Liquid Chromatography (HPLC)</i></p> <p>Granice kvantifikacije/ <i>Quantification limits:</i></p> <p>5,0 mg/kg</p>	<p>Vlastita metoda/ <i>In house method</i> KR 025 Izdanje/Issue 1 2021-10-04</p>
67.	Prirodna i umjetna jezera <i>Natural and man-made lakes</i>	Uzorkovanje <i>Sampling</i>	<p>HRN ISO 5667-4:2016 <i>(ISO 5667-4:2016)</i></p> <p>HRN EN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i></p>
68.	Otpadne vode <i>Waste water</i>	Uzorkovanje <i>Sampling</i>	<p>HRN ISO 5667-10:2020 <i>(ISO 5667-10:2020)</i></p> <p>HRN EN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i></p>
69.	Podzemne vode <i>Ground water</i>	Uzorkovanje <i>Sampling</i>	<p>HRN ISO 5667-11:2011 <i>(ISO 5667-11:2009)</i></p> <p>HRN EN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i></p>
70.	Sediment <i>Sediment</i>	Uzorkovanje <i>Sampling</i>	<p>HRN ISO 5667-12:2017 <i>(ISO 5667-12:2017)</i></p>

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>
71.	Voda za ljudsku potrošnju <i>Water for human consumption</i>	<p>Određivanje haloocetnih kiselina u vodi metodom plinske kromatografije <i>Determination of haloacetic acids in water by gas chromatography</i></p> <p><i>Granice kvantifikacije/ Quantification limits:</i></p> <p>MCAA 5,4 µg/L DCAA 1,6 µg/L TCAA 0,86 µg/L MBAA 0,82 µg/L DBAA 0,96 µg/L HAA5 9,6 µg/L</p>	EPA method 552.3 (2003)
72.	Voda za ljudsku potrošnju, površinske, podzemne vode i otpadne vode <i>Water for human consumption, surface water, ground water and waste water</i>	<p>Određivanje kroma (VI) u vodama vlastitom metodom temeljenoj na HACH LCK 313 i LCS 313 testnim setovima <i>Determination of chromium (VI) in water by method based on HACH LCK 313 and LCK 313 test kits</i></p> <p><i>Granice kvantifikacije/ Quantification limits:</i></p> <p>Krom (VI)/ <i>Chromium (VI):</i> 0,005 mg/L</p>	Vlastita metoda/ <i>In house method</i> VZ 041 Izdanje/Issue 1 2023-01-05
73.	Hrana pripremljena kod subjekata koji posluju s hranom <i>Food prepared by the entities that work with food</i>	Uzorkovanje hrane za mikrobiološka ispitivanja <i>Food sampling for microbiological analysis</i>	HRS CEN ISO/TS 17728:2015 <i>(ISO/TS 17728:2015; CEN ISO/TS 17728:2015)</i>
74.	Otpad <i>Waste</i>	<p>Određivanje suhog ostatka i sadržaja vode <i>Determination of dry residue and water content</i></p>	HRN EN 12880:2005 <i>(EN 12880:2000)</i> HRN ISO 11465:2004 <i>(ISO 11465:1993+Cor 1:1994)</i>
75.	Eluat otpada* <i>Waste eluate</i>	<p>Određivanje ukupne otopljene tvari <i>Determination of total solids</i></p>	HRN EN 15216:2021 <i>(EN 15216:2021)</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>
76.	Otpad <i>Waste</i>	Određivanje gubitka žarenjem <i>Determination of loss on ignition</i>	HRN EN 15935:2021 <i>(EN 15935:2021)</i>
77.		Uzorkovanje <i>Sampling</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>

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