



Potvrda o akreditaciji Accreditation Certificate

Ovime se utvrđuje da je

This is to recognize that

Hrvatski zavod za javno zdravstvo

Služba za zdravstvenu ekologiju

Rockefellerova 7, HR-10000 Zagreb

osposobljen prema zahtjevima norme

is competent according to

HRN EN ISO/IEC 17025:2007

(ISO/IEC 17025:2005+Cor.1:2006;

EN ISO/IEC 17025:2005+AC:2006)

za/to carry out

Ispitivanje voda, hrane, hrane za životinje, predmeta opće uporabe, mikrobiološke čistoće objekata i uzorkovanje voda

Testing of waters, food, animal feeding stuff, objects of common use,
microbiological cleanliness of facilities and sampling of waters

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.: 1041

Klasa/Ref.No.: 383-02/13-30/012

Urbroj/Id.No.: 569-01/6-15-16

Zagreb, 2015-05-11

Akreditacija istječe•Accreditation expiry: 2018-12-05

Prva akreditacija•Initial accreditation: 2003-12-09

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

Ravnatelj:

Director General:

Tihomir Babić, dipl. ing.



Hrvatska akreditacijska agencija
Croatian Accreditation Agency

PRILOG POTVRDI O AKREDITACIJI br: 1041

Annex to Accreditation Certificate Number:

Klasa/Ref. No.: 383-02/13-30/012

Urbroj/Id. No.: 569-01/6-16-28

Datum izdanja priloga /Annex Issued on: 2016-07-22

Zamjenjuje prilog/Replaces Annex:

Klasa/Ref. No.: 383-02/13-30/012

Urbroj/Id. No.: 569-01/6-15-15

Datum/Date: 2015-05-11

Norma: HRN EN ISO/IEC 17025:2007

Standard: (ISO/IEC 17025:2005+Cor.1:2006; EN ISO/IEC 17025:2005+AC:2006)

Akreditacija istječe: 2018-12-05

Accreditation expiry:

Prva akreditacija: 2003-12-09

Initial accreditation:

Akreditirani laboratorij

Accredited Laboratory

Hrvatski zavod za javno zdravstvo

Služba za zdravstvenu ekologiju

Rockefellerova 7, HR-10000 Zagreb

Područje akreditacije:

Scope of Accreditation:

Ispitivanje voda, hrane, hrane za životinje, predmeta opće uporabe, mikrobiološke čistoće objekata i uzorkovanje voda

Testing of waters, food, animal feeding stuffs, objects of common use, microbiological cleanliness of facilities and sampling of waters

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

Ravnatelj:

Director General:

Tihomir Babić, dipl. ing.

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>
I. Hrana i hrana za životinje / Food and animal feeding stuff			
1.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za dokazivanje prisutnosti bakterije <i>Salmonella spp.</i> <i>Horizontal method for the detection of Salmonella spp.</i>	HRN EN ISO 6579:2003 (ISO 6579:2002, EN ISO 6579:2002) HRN EN ISO 6579:2003 /Ispr.1:2008 (ISO 6579:2002/Cor.1:2004; EN ISO 6579:2002/AC:2006;)
2.		Horizontalna metoda za dokazivanje, određivanje broja i serotipizaciju <i>Salmonella</i> -- 3. dio: Smjernice za serotipizaciju <i>Salmonella spp</i> <i>Microbiology of the food chain -- Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 3: Guidelines for serotyping of Salmonella spp.</i>	HRI CEN ISO/TR 6579-3:2014 (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)
3.		Horizontalna metoda za dokazivanje prisutnosti bakterije <i>Listeria monocytogenes</i> <i>Horizontal method for the detection of Listeria monocytogenes</i>	HRN EN ISO 11290-1:1999 (ISO 11290-1:1996; EN ISO 11290-1:1996) HRN EN ISO 11290-1:1999/A1:2008 (ISO 11290-1:1996/Amd 1:2004; EN ISO 11290-1:1996/A1:2004)
4.		Metoda za dokazivanje antigena bakterije <i>Salmonella spp.</i> VIDAS® metodom <i>Method for the detection of Salmonella spp. antigen using VIDAS® method</i>	P-MIK-12, 1/3 10.01.2013. Metoda prema uputi Vitek Immuno Diagnostic Assay System (VIDAS®), bioMerieux; <i>Method according to the manual Vitek Immuno Diagnostic Assay System (VIDAS®), bioMerieux</i>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
5.	Hrana i hrana za životinje Food and animal feeding stuffs	Metoda za dokazivanje antigena bakterije <i>Listeria monocytogenes</i> VIDAS® metodom <i>Method for the detection of Listeria monocytogenes antigen using VIDAS® method</i>	P-MIK-13, 1/3 10.01.2013. Metoda prema uputi Vitek Immuno Diagnostic Assay System (VIDAS®), bioMerieux; <i>Method according to the manual Vitek Immuno Diagnostic Assay System (VIDAS®), bioMerieux</i>
6.		Metoda za dokazivanje stafilokoknog enterotoksina VIDAS® metodom <i>Method for the detection of staphylococcal enterotoxins using VIDAS® method</i>	P-MIK-14, 2/0 14.08.2014. Europska „screening“ metoda EU-RL-a <i>European screening method EU-RL, 5/2010</i>
7.		Horizontalna metoda za dokazivanje prisutnosti i određivanje broja koagulaza pozitivnih stafilokoka (<i>Staphylococcus aureus</i> i druge vrste) <i>Horizontal method for the detection and enumeration of coagulase-positive staphylococcus (Staphylococcus aureus and other species)</i>	HRN EN ISO 6888-1:2004 (ISO 6888-1:1999+Amd 1:2003; EN ISO 6888-1:1999+A1:2003)
8.		Horizontalna metoda za brojenje koagulaza-pozitivnih stafilokoka (<i>Staphylococcus aureus</i> i drugi sojevi) -- 3. dio: Izolacija i MPN postupak za male brojeve <i>Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) -- Part 3: Detection and MPN technique for low numbers</i>	HRN EN ISO 6888-3:2004 (ISO 6888-3:2003; EN ISO 6888-3:2003)
9.		Horizontalna metoda za dokazivanje prisutnosti i određivanje broja bakterija iz porodice <i>Enterobacteriaceae</i> <i>Horizontal method for the detection and enumeration of Enterobacteriaceae</i>	HRN ISO 21528-2:2008 (ISO 21528-2:2004)

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>
10.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za dokazivanje prisutnosti i određivanje broja bakterija iz porodice <i>Enterobacteriaceae</i> <i>Horizontal method for the detection and enumeration of Enterobacteriaceae</i>	HRN ISO 21528-1:2008 <i>(ISO 21528-1:2004)</i>
11.		Horizontalna metoda za dokazivanje prisutnosti i određivanje broja bakterije <i>Listeria monocytogenes</i> – Metoda određivanja broja <i>Horizontal method for the detection and enumeration of Listeria monocytogenes – Enumeration method</i>	HRN EN ISO 11290-2:1999 <i>(ISO 11290-2:1998; EN ISO 11290-2:1998)</i> HRN EN ISO 11290-2:1999/A1:2008 <i>(ISO 11290-2:1998/Amd 1:2004; EN ISO 11290-2:1998/A1:2004)</i>
12.		Horizontalna metoda za dokazivanje prisutnosti i određivanje broja bakterije <i>Bacillus cereus</i> <i>Horizontal method for the detection and enumeration of Bacillus cereus</i>	HRN EN ISO 7932:2005 <i>(ISO 7932:2004; EN ISO 7932:2004)</i>
13.		Horizontalna metoda za dokazivanje prisutnosti i određivanje broja bakterije <i>Campylobacter</i> spp. – Metoda dokazivanja <i>Horizontal method for detection and enumeration of Campylobacter spp. – Detection method</i>	HRN EN ISO 10272-1:2008 <i>(ISO 10272-1:2006; EN ISO 10272-1:2006)</i>
14.	Mlijeko i mliječni proizvodi <i>Milk and milk products</i>	Dokazivanje prisutnosti bakterije <i>Enterobacter sakazakii</i> (<i>Cronobacter</i> spp.) <i>Detection of Enterobacter sakazakii (Cronobacter spp.)</i>	HRS ISO/TS 22964:2010 <i>ISO/TS 22964:2006 (IDF/RM 210: 2006)</i>
15.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za određivanje broja mikroorganizama - Tehnika brojenja 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 4833-2:2013 <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>

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>
16.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Horizontalna metoda za određivanje broja kvasaca i plijesni <i>Enumeration of yeast 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>
17.		Vodoravni postupak određivanja broja beta-glukuronidasa pozitivne bakterije <i>Escherichia coli</i> –brojenje kolonija pri 44°C <i>Horizontal method for the enumeration of betaglucuronidase-positive Escherichia coli - Colonycount technique at 44 °C</i>	HRN ISO 16649-2:2001 <i>(ISO 16649-2:2001)</i>
18.		Horizontalna metoda za određivanje broja sulfireducirajućih bakterija u anaerobnim uvjetima <i>Horizontal method for the enumeration of sulfitereducing bacteria growing under anaerobic conditions</i>	HRN ISO 15213:2004 <i>(ISO 15213.2003)</i>
19.	Mikrobiološke hranjive podloge <i>Microbiological culture media</i>	Ispitivanje hranjivih podloga <i>Performance testing of culture media</i>	HRN EN ISO 11133:2014 <i>(ISO 11133:2014; EN ISO 11133:2014)</i>
20.	Okolišni uzorci <i>Enviromental samples</i>	Horizontalna metoda za uzimanje uzoraka površina uporabom brisa <i>Horizontal methods for sampling techniques from surfaces using swab</i>	HRN ISO 18593:2008 <i>(ISO 18593:2004)</i>
21.	Sokovi od voća i povrća <i>Fruit and vegetable juices</i>	Određivanje količine natrija, kalija, kalcija i magnezija atomskom apsorpcijskom spektrometrijom (AAS) <i>Determination of sodium, potassium calcium and magnesium content by atomic absorption spectrometry (AAS)</i>	HRN EN 1134:2001 <i>(EN 1134:1994)</i>
22.	Hrana <i>Food</i>	Određivanje ukupnog udjela žive u hrani Analizatorom žive AMA 254 <i>Determination of total mercury in food by Mercury Analyser AMA 254</i>	P-MET-10 Izdanje/Edition: 1/3 Datum/Date: 22.05.2014. HRN EN 13804:2013 <i>(EN 13804:2013)</i>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
23.		<p>Određivanje ukupnog kositra u voću i povrću konzerviranom u limenkama tehnikom plamene atomske apsorpcijske spektrometrije (AAS)</p> <p><i>Determination of tin in fruit and vegetables preserved in cans by flame atomic absorption spectrometry (AAS)</i></p>	<p>HRN CEN/TS 15506:2007 (CEN/TS 15506:2007) HRN EN 13804:2013 (EN 13804:2013)</p>
24.		<p>Određivanje natrija, magnezija i kalcija atomskom apsorpcijskom spektrometrijom nakon mikrovalne razgradnje</p> <p><i>Determination of sodium, magnesium and calcium by flame atomic absorption spectrometry (AAS) after microwave digestion</i></p>	<p>HRN EN 15505:2008 (EN 15505:2008) HRN EN 13804:2013 (EN 13804:2013)</p>
25.		<p>Određivanje cinka, bakra i željeza atomskom apsorpcijskom spektrometrijom nakon mikrovalne razgradnje</p> <p><i>Determination of zinc, copper and iron by flame atomic absorption spectrometry (AAS) after microwave digestion</i></p>	<p>HRN EN 14084:2005 (EN 14084:2005) HRN EN 13804:2013 (EN 13804:2013)</p>
26.	Hrana Food	<p>Određivanje olova i kadmija u hrani atomskom apsorpcijskom spektrometrijom nakon mikrovalne razgradnje</p> <p><i>Determination of lead and cadmium by atomic absorption spectrometry (AAS) after microwave digestion</i></p>	<p>HRN EN 14084:2005 (EN 14084:2005) HRN EN 13804:2013 (EN 13804:2013)</p>
27.		<p>Određivanje anorganskog arsena u hrani vezanom tehnikom tvorbe hidrida s elektrotermičkim atomskim apsorpcijskim spektrometrom (HydrEA tehnikom)</p> <p><i>Determination of inorganic arsenic in food by the coupling of Hydride generation with Electrothermal Atomization (HydrEA technique)</i></p>	<p>Vlastita metoda/ In-house method P-MET-16 Izdanje/Edition: 1/0 Datum/Date: 30-11-2015</p>
28.	Bezalkoholna osvježavajuća pića Non-alcoholic beverages	<p>Određivanje sintetskih organskih Bojila</p> <p><i>Determination of synthetic colours</i></p>	<p>NMKL No 130:1989.</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>
29.	Bezalkoholna osvježavajuća pića <i>Non-alcoholic beverages</i>	Određivanje sadržaja sladila ciklamata <i>Determination of cyclamate</i>	HRN EN 12857:2000 <i>(EN 12857:1999)</i>
30.	Bezalkoholna osvježavajuća pića i dodaci prehrani <i>Non-alcoholic beverages and nutritional supplements</i>	Određivanje acesulfama-K i saharina u bezalkoholnim osvježavajućim pićima i dodacima prehrani metodom tekućinske kromatografije visoke djelotvornosti <i>Determination of acesulfame-K and saccharin in non-alcoholic beverages and nutritional supplements- High performance liquid chromatographic method</i>	HRN EN 12856:2000 <i>(EN 12856:1999)</i>
31.	Bezalkoholna osvježavajuća pića <i>Non-alcoholic beverages</i>	Određivanje aspartama u bezalkoholnim osvježavajućim pićima metodom tekućinske kromatografije visoke djelotvornosti <i>Determination of aspartame in non-alcoholic beverages- High performance liquid chromatographic method</i>	HRN EN 12856:2000 <i>(EN 12856:1999)</i>
32.	Hrana i dodaci prehrani <i>Food and nutritional supplements</i>	Određivanje sorbinske i benzojeve kiseline metodom tekućinske kromatografije visoke djelotvornosti <i>Determination of benzoic and sorbic acid - High performance liquid chromatographic method</i>	Vlastita metoda/ <i>In-house method</i> P-ADIT-10 Izdanje/Edition: 2/0 Datum/Date: 27.09.2013
33.	Povrće <i>Vegetables</i>	Određivanje nitrata metodom Tekućinske kromatografije visoke djelotvornosti <i>Determination of nitrates - High performance liquid chromatographic method</i>	Vlastita metoda/ <i>In-house method</i> P-ADIT-11 Izdanje/Edition: 1/2 Datum/Date: 28.01.2013
34.	Čaj, instant čajeви, dodaci prehrani u čvrstom obliku i bezalkoholna osvježavajuća pića <i>Tea, instant tea, food supplements in the form of solid and soft drinks</i>	Određivanje ukupne količine kofeina HPLC metodom <i>Determination of caffeine content by HPLC method</i>	ISO 10727:2002 Proširena na dodatke prehrani i bezalkoholna osvježavajuća pića <i>Expanded to include food supplements and soft drinks</i> P-DPBAT-4 Izdanje/Edition: 1/1 Datum/Date: 01.04.2016.

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>
35.	Kava i proizvodi od kave <i>Coffee and coffee products</i>	Određivanje sadržaja kofeina HPLC metodom <i>Determination of caffeine content by HPLC method</i>	HRN ISO 20481:2008 <i>(ISO 20481:2008)</i>
36.	Suhi ekstrakt Ginkgo biloba i dodacima prehrani u krutom obliku <i>Dry extract of Ginkgo biloba and food supplements in solid form</i>	Određivanje flavonolnih aglikona (kvercetin, kemferol i izoramnetin) HPLC metodom <i>Determination of flavonol aglycones (quercetin, kaempferol, isorhamnetin) by HPLC method</i>	AOAC 18th Edition, 2007 2006.07
37.	Dodaci prehrani i dječja hrana <i>Food supplements and baby food</i>	Određivanje vitamina C HPLC metodom <i>Determination of vitamin C by HPLC method</i>	HRN EN 14130:2005 <i>(EN 14130:2003)</i>
38.	Dodaci prehrani <i>Food supplements</i>	Određivanje vitamina B2 tekućinskom kromatografijom visokog učinka <i>Determination of vitamin B2 by high performance liquid chromatography</i>	HRN EN 14152:2014 <i>(EN 14152:2014)</i>
39.	Dodaci prehrani u praškastom obliku <i>Powdered food supplements</i>	Određivanje vitamina E tekućinskom kromatografijom visoke djelotvornosti – Mjerenje α -, β -, γ - i δ -tokoferola (Određivanje alfa tokoferola i tokoferol acetata) <i>Determination of vitamin E by high performance liquid chromatography – Measurement of α-, β-, γ- i δ-tocopherol (determination of tocopherol and tocopherol acetate)</i>	HRN EN 12822:2014 <i>(EN 12822:2014)</i> Modificirano, <i>Modified method</i> P-DPBAT-09 Izdanje/ <i>Edition</i> : 1/1 Datum/ <i>Date</i> : 01.04.2016.
40.	Izotonični napici <i>Isotonic aqueous solutions (beverages)</i>	Određivanje ukupne osmolalnosti u izotoničkim otopinama kriokopskim osmometrom <i>Determination of total osmolality in isotonic aqueous solution (beverages) by cryoscopic osmometer</i> <i>Osmolalitet/Osmolality</i> 270-330 mOsm/kg	P-DPBAT- 10 Izdanje/ <i>Edition</i> : 1/1 Datum/ <i>Date</i> : 01.04.2016.
41.	Hrana i dodaci prehrani <i>Food and food supplements</i>	Određivanje glutena <i>Determination of gluten</i>	P-DPBAT-11 Izdanje/ <i>Edition</i> : 1/0 Datum/ <i>Date</i> : 09.10.2015.

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
42.	Hrana Food	Određivanje ukupnog dušika instrumentom LECO FP-328 koristeći Dumas metodu <i>Determination of the total nitrogen content by instrument LECO FP-328 according to the Dumas principle</i>	P-KVH-6 Izdanje/Edition: 1/4 Datum/Date: 27.03.2015. Modificirana/modified HRS CEN ISO/TS 16634-2:2010 (CEN ISO/TS 16634-2:2009), modificirana (ISO/TS 16634-2:2009; CEN ISO/TS 16634-2:2009)
43.	Voćni sokovi i nektari, sirupi i osvježavajuća pića <i>Fruit juices and nectars, syrups and beverages</i>	Određivanje fruktoze, glukoze i saharoze metodom tekućinske kromatografije visoke djelotvornosti (HPLC) <i>Determination of fructose, glucose and sucrose by high performance liquid chromatography (HPLC)</i>	P-KVH-5 Izdanje/Edition: 2/1 Datum/Date: 25.03.2015.
44.	Hrana Food	Određivanje suhe tvari i vode halogenim vlagomjerom Mettler Toledo HR83 <i>Determination of moisture and dry matter by Mettler Toledo moisture Analyzer HR83</i>	P-KVH-9 Izdanje/Edition: 1/2 Datum/Date: 04.03.2016.
45.		Određivanje ukupne masti metodom po M. Weibll-u i W. Stoldt-u <i>Determination of total fat method by M. Weibll and W. Stoldt</i>	P-KVH-7 Izdanje/Edition: 1/1 Datum/Date: 11.11.2015.
46.		Određivanje ukupnog pepela direktnim spaljivanjem na 550°C <i>Determination of total ash by direct burning at 550 ° C</i>	P-KVH-10 Izdanje/Edition: 1/1 Datum/Date: 11.11.2015
47.	Kikiriki i proizvodi od kikirikija (kikiriki paste), suho voće, žitarice, orašasti plodovi i začini <i>Peanuts and peanuts paste, dried fruit, cereals and nuts</i>	Određivanje aflatoksina B1, B2, G1 i G2 i ukupnih aflatoksina HPLC metodom s postkolumskom derivatizacijom i čišćenjem preko imunoafinitetnih kolona <i>Determination of aflatoxins B1, B2, G1, G2 and total aflatoxins by HPLC with post column derivatization and immunoaffinity column cleanup</i>	P-OMK-2 Izdanje/Edition: 3/4 Datum/Date: 21.03.2016. Modificirana/Modified HRN EN 14123:2008 (EN 14123:2007)
48.	Žitarice, pržena kava, začini <i>Cereals, roasted coffee, spices</i>	Određivanje okratoksina A metodom tekućinske kromatografije visokog učinka (HPLC) s čišćenjem na imunoafinitetnoj koloni <i>Determination of ochratoxin A by HPLC method with immunoaffinity column clean up</i>	P-OMK-3 Izdanje/Edition: 1/3 Datum/Date: 30.03.2016. Modificirana/Modified HRN EN 14132:2010 (EN 14132:2009)

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
49.	<p>Hrana s visokim udjelom vode - Voće i povrće <i>High water content food - Fruit and vegetables</i></p>	<p>Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća ekstrakcijom etil-acetatom GC-MS (2-fenilfenol, acetoklor, aldrin, alfa-HCH, atrazin, azinfos-etil, azoksistrobin, beta-endosulfan, beta-HCH, bifenil, bifentrin, bitertanol, bromofos-etil, bromofos-metil, bromopropilat, bromokonazol, bupirimat, ciflutrin (I-IV), cipermetrin (I-IV), ciprodinil, cis-fenotrin, cis-klordan, cis-mevinfos, cis-resmetrin, cis-tetrametrin, delta-HCH, deltametrin, demeton-S-metil-sulfon, dialifos, dieldrin, difenokonazol, diklorvos, endosulfan-alfa, endosulfan-sulfat, endrin, EPN, esfenvalerat, etion, fenitrotrion, fenamifos, fenklorfos, fention, fentoat, flutriafol, fonofos, forat, formotion, fosalon, fosmet, HCB, heptaklor, heptaklorepoxid-cis, heptaklorepoxid-trans, heptenofos, iprodion, izofenfos, karbaryl, karbofuran, klorfenapir, klorfenvinfos, klorpirifos, klorprofam, kumafos, lambda-cihalotrin, lindan, malation, metidation, metiokarb, metoksiklor, miklobutanol, paration, paration-metil, pendimetalin, pirazofos, piretrini (I-IV), piridaben, pirimifos-etil, pirimifos-metil, pirimikarb, procimidon, profenofos, propizamid, tebukonazol, teflutrin, tetradifon, tetraklorvinfos, tolifluaniid, tolklofos-metil, trans-klordan, trans-resmetrin, trans-tetrametrin, transflutrin, triazofos, triklorfon, vinklozolin, ometoat, demeton-S, diklofluaniid, pirimetanol, klormefos, dimetoat, simazin, diazinon, klorotalonil, malaokson, fludioksonil, p,p-DDT, azinfos-metil, cifenotrin I, cifenotrin II, izoprokarb, difenilamin, trifluaralin, dikrotofos, akrinatriin, haloksifop-metil, heksakonazol, protiofos, p,p-DDE, buprofezin, flusilazol, oksadiksil, fenvalerat, tau-fluvalinat I, tau-fluvalinat II).</p> <p>Multiresidue method for the determination of pesticides residues in fruit and vegetables with ethyl acetate extraction GC-MS (2-phenylphenol, acetochlor, aldrin, alpha-HCH, atrazine, azinphos-ethyl, azoxystrobin, beta-endosulfan, beta-HCH, biphenyl, bifenthrin, bitertanol, bromophos-ethyl, bromophos-methyl, bromopropylate, bromuconazole, bupirimate, cifluthrin (I-IV), cypermethrin (I-IV), cyprodinil, cis-fenothrin, cis-chlordane, cis-mevinphos, cis-resmethrin, cis-tetramethrin, delta-HCH, deltamethrin, demeton-S-methyl-sulphone, dialifos, dieldrin, difenoconazole, dichlorvos, endosulfan-sulphate, endrin, EPN, esfenvalerate, ethion, fenithrotrion, fenamiphos, fenchlorphos, fenthion, phenthoate, flutriafol, fonofos, phorate, formotion, phosalone, phosmet, HCB, heptachlor, heptachlorepoxiide-cis, heptachlorepoxiide-trans, heptenophos, iprodione, isofenphos, carbaryl, carbofuran, chlorfenapyr, chlorfenvinphos, chlorpyrifos, chlorpropham, cumaphos, coumaphos, lambda-cyhalotrin, lindane, malathion, methidation, metiocarb, methoxychlor, myclobutanol, , parathion, parathion-methyl, pendimethalin, pyrazophos, pyrethrins (I-IV), pyridaben, pirimiphos-ethyl, pirimiphos-methyl, pirimicarb, procymidone, profenofos, propyzamide, tebuconazole, tefluthrin, tetradifon, tetrachlorvinphos, tolylfuanid, tolclofos-methyl, trans-chlordane, trans-resmethrin, trans-tetramethrin, transfluthrin, triazophos, trichlorfon, vinclozolin, omethoate, demeton-S, diclofluaniid, pyrimethanol, chlormephos, dimethoate, simazine, diazinon, chlorothalonil, malaoxon, fludioxonil, p,p-DDT, azinphos-methyl, cyphenothrin I, cyphenothrin II, isoprocarb, dyphenilamine, trifluralin, dicrotofos, acrinathrin, haloxyfop-methyl, hexaconazole, prothiophos, p,p-DDE, buprofezin, flusilazole, oxadixyl, fenvalerate, tau-fluvalinate I, tau-fluvalinate II).</p>	<p>P-PEST-8 Izdanje/Edition: 1/4 Datum/Date: 27.01.2016.</p> <p>Modificirana/modified HRN EN 12393-1:2013 (EN 12393-2:2013) HRN EN 12393-2:2013 (EN 12393-1:2013) HRN EN 12393-3:2013 (EN 12393-3:2013)</p>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
	<p>Hrana s visokim udjelom vode - Voće i povrće High water content food - Fruit and vegetables</p>	<p>Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća ekstrakcijom etil-acetatom primjenom sustava LC-MS-MS (benfuracarb, carbosulfan, cymoxanil, cyproconazole, diethofencarb, diflubenzuron, ethirimol, ethoprophos, fenpyroximate, fluazifop, phoxim, formetanate, isofenphos – methyl, isocarbophos, lufenuron, mandipropamid, metconazole, nitenpyram, pyriproxyfen, propamocarb, prothioconazole – desthio, rotenone, tebufenozide, tebufenpyrad, teflubenzuron, terbuthylazine, zoxamide, chlorantraniliprol, triflumuron, 2,4-D, Acetamidrid, Aldikarb, Diflubenzuron, Dimetomorf, Epoksikonazol, Etofenproks, Etoprofos, Fenamidon, Fenbukonazol, Fenoksikarb, Fenpropimorf, Flufenoksuron, Fluopiram, Fostiazat, Heksitiazoks, Imidaklopid, Karbendazim, Klofentezin, Klotianidin, Kvinoksifen, Meptildinokap, Metalaksil, Metoksifenozyd, Paklobutrazol, Penkonazol, Pensikuron, Prokloraz, Propikonazol, Propoksur, Rotenon, Spinosin A, Spinosin D, Spirodiklofen, Teflubenzuron, Tetrakonazol, Tiaklopid, Triadimefon, Trifloksistrobin, Tritikonazol)</p> <p>Multiresidue method for the determination of pesticides residues in fruit and vegetables with ethyl acetate extraction by LC-MS-MS (benfuracarb, carbosulfan, cymoxanil, cyproconazole, diethofencarb, diflubenzuron, ethirimol, ethoprophos, fenpyroximate, fluazifop, phoxim, formetanate, isofenphos – methyl, isocarbophos, lufenuron, mandipropamid, metconazole, nitenpyram, pyriproxyfen, propamocarb, prothioconazole – desthio, rotenone, tebufenozide, tebufenpyrad, teflubenzuron, terbuthylazine, zoxamide, chlorantraniliprol, triflumuron, 2,4-D Acetamidrid, Aldikarb, Diflubenzuron, Dimethomorph, Epoxiconazole, Etofenprox, Ethoprophos, Fenamidone, Fenbuconazol, Fenoxycarb, Fenpropimorph, Flufenoxuron, Fluopyram, Fostiazat, Hexythiazox, Imidaklopid, Karbendazim, Klofentezin, Klotianidin, Quinoxyfen, Meptildinocap, Metalaxyl, Methoxyfenozide, Paclobutrazol, Penconazole, Pencycuron, Prochloraz, Propiconazole, Propoxur, Rotenone, Spinosyn A, Spinosyn D, Spirodiclofen, Teflubenzuron, Tetraconazole, Thiachlopid, Triadimefon, Trifloxystrobin, Triticonazole).</p>	<p>P-PEST-8 Izdanje/Edition: 1/4 Datum/Date: 27.01.2016.</p> <p>Modificirana/modified HRN EN 12393-1:2013 (EN 12393-2:2013) HRN EN 12393-2:2013 (EN 12393-1:2013) HRN EN 12393-3:2013 (EN 12393-3:2013)</p>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
50.	Hrana s visokim udjelom kiseline i vode <i>High acid content and high water content food</i>	<p>Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća ekstrakcijom etil-acetatom primjenom sustava GC-MS (2-fenilfenol, acetoklor, aldrin, alfa-HCH, atrazin, azinfos-etil, azoksistrobin, beta-endosulfan, beta-HCH, bifenil, bifentrin, bitertanol, bromofos-etil, bromofos-metil, bromopropilat, bromokonazol, bupirimat, ciflutrin (I-IV), cipermetrin (I-IV), ciprodinil, cis-fenotrin, cis-klordan, cis-mevinfos, cis-resmetrin, cis-tetrametrin, delta-HCH, deltametrin, demeton-S-metil-sulfon, dialifos, dieldrin, difenokonazol, diklorvos, endosulfan-alfa, endosulfan-sulfat, endrin, EPN, esfenvalerat, etion, fenitrotrion, fenamifos, fenklorfos, fention, fentoat, flutriafol, fonofos, forat, formotion, fosalon, fosmet, HCB, heptaklor, heptaklorepoxid-cis, heptaklorepoxid-trans, heptenofos, iprodion, izofenfos, karbaril, karbofuran, klorfenapir, klorfenvinfos, klorpirifos, klorprofam, kumafos, lambda-cihalotrin, lindan, malation, metidation, metiokarb, metoksiklor, miklobutanil, paration, paration-metil, pendimetalin, pirazofos, piretrini (I-IV), piridaben, pirimifos-etil, pirimifos-metil, pirimikarb, procimidon, profenofos, propizamid, tebukonazol, teflutrin, tetradifon, tetraklorvinfos, tolilfluaniid, tolklofos-metil, trans-klordan, trans-resmetrin, trans-tetrametrin, transflutrin, triazofos, triklorfon, vinklozolin, ometoat, demeton-S, diklofluaniid, pirimetanil, Azinfos-metil, Diazinon, Dimetoat, Fludioxonil, Klorotalonil, Malaokson, Monokrotofos, Paraokson-etil, Simazin, Akrinatriin, Boskalid, Buprofezin, Difenilamin, Fenarimol, Fenvalerat, Flusilazol, Haloksifop-metil, Izoprokarb, Oksadiksil, p,p-DDE, Permetrin I, Permetrin II, Protiofos, Tau-Fluvalinat I i II, Transfenotrin, Trifluralin)</p> <p>Multiresidue method for the determination of pesticides residues in fruit and vegetables with ethyl acetate extraction by GC-MS (2-phenylphenol, acetochlor, aldrin, alpha-HCH, atrazine, azinphos-ethyl, azoxystrobin, beta-endosulfan, beta-HCH, biphenyl, bifenthrin, bitertanol, bromophos-ethyl, bromophos-methyl, bromopropylate, bromoconazole, bupirimate, cifluthrin (I-IV), cypermethrin (I-IV), cyprodinil, cis-fenothrin, cis-chlordane, cis-mevinphos, cis-resmethrin, cis-tetramethrin, delta-HCH, deltamethrin, demeton-S-methyl-sulphone, dialifos, dieldrin, difenoconazole, dichlorvos, endosulfan-sulphate, endrin, EPN, esfenvalerate, ethion, fenithrotrion, fenamiphos, fenchlorphos, fenthion, phenthoate, flutriafol, fonofos, phorate, formotion, phosalone, phosmet, HCB, heptachlor, heptachlorepoxide-cis, heptachlorepoxide-trans, heptenophos, iprodione, isofenphos, carbaryl, carbofuran, chlorfenapyr, chlorfenvinphos, chlorpyrifos, chlorpropham, cumaphos, coumaphos, lambda-cyhalotrin, lindane, malathion, methidation, metiocarb, methoxychlor, myclobutanil, , parathion, parathion-methyl, pendimethalin, pyrazophos, pyrethrins (I-IV), pyridaben, pirimiphos-ethyl, pirimiphos-methyl, pirimicarb, procymidone, profenofos, propyzamide, tebuconazole, tefluthrin, tetradifon, tetrachlorvinphos, tolylfuanid, tolclofos-methyl, trans-chlordane, trans-resmethrin, trans-tetramethrin, transfluthrin, triazophos, trichlorfon, vinclozolin, omethoate, demeton-S, diclofluaniid, pyrimethanil, Azinphos-methyl, Diazinone, Dimethoate, Fludioxonil, chlorothalonil, Malaoxon, Monocrotofos, Paraoxon-ethyl, Simazine, Acrinathrin, Boscalid, Buprofezin, Diphenylamine, Fenarimol, Fenvalerate, Flusilazol, Halxyfop-methyl, Isoprocarb, Oxadixyl, p,p-DDE, Permethrin I, Permethrin II, Prothiofos, Tau-Fluvalinate I, Tau-Fluvalinate II, Transfenothrin, Trifluralin).</p>	<p>P-PEST-8 Izdanje/Edition: 1/4 Datum/Date: 27.01.2016.</p> <p>Modificirana/modified HRN EN 12393-1:2013 (EN 12393-2:2013) HRN EN 12393-2:2013 (EN 12393-1:2013) HRN EN 12393-3:2013 (EN 12393-3:2013)</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>
	<p>Hrana s visokim udjelom kiseline i vode <i>High acid content and high water content food</i></p>	<p>Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća ekstrakcijom etil-acetatom primjenom sustava LC-MS-MS</p> <p>(benfurakarb, karbosulfan, cimoksanil, ciprokonazol, dietofenkarb, diflubenzuron, etirimol, etoprofos, fenpiroksimat, fluazifop, foksim, formetanat, izofenfos – metil, izokarbofos, lufenuron, mandipropamid, nitenpiram, piriproksifen, propamokarb, protiokonazol – destio, rotenon, tebufenozid, tebufenpirad, teflubenzuron, terbutilazin, zoxamid, klorantraniliprol, triflumuron, 2,4-D, Metomil, Tiametoksam, Imidaklopid, Klotianidin, Karbendazim, Acetamidiprid, Tiaklopid, Propoksur Fostiazat, Metalaktil, Tritikonazol, Krezoksim-metil, Piraklostrobin, Prokloraz, Klofentezin, Trifloksistrobin, Heksitiazoks, Spiromezifen, Flufenoksuron, Spirodiklofen, Etoprofos)</p> <p>Multiresidue method for the determination of pesticides residues in fruit and vegetables with ethyl acetate extraction by LC-MS-MS</p> <p>(benfuracarb, carbosulfan, cymoxanil, ciprokonazol, diethofencarb, diflubenzuron, ethirimol, ethoprofos, fenpyroximate, fluazifop, phoxim, formetanate isofenphos - methyl, izokarbofos, lufenuron, mandipropamid, nitenpyram, pyriproxyfen, propamocarb, prothioconazole - Distillation, rotenone, tebufenozide, tebufenpyrad , teflubenzuron, terbutylazine, zoxamide, chlorantraniliprole, triflumuron, 2,4-D, Methomyl, Thiamethoxam, Imidacloprid, clothianidin, carbendazim, acetamidiprid, Thiacloprid, Propoxur Fosthiazate, Metalaxyl, Triticonazole, Kresoxim-methyl, Piraclostrobin, Prochloraz, clofentezin, Trifloxystrobin, Hexythiazox, Spiromesifen, Flufenoxuron, Spirodiclofen, Ethoprofos).</p>	<p>P-PEST-8 Izdanje/Edition: 1/4 Datum/Date: 27.01.2016.</p> <p>Modificirana/modified HRN EN 12393-1:2013 (EN 12393-2:2013) HRN EN 12393-2:2013 (EN 12393-1:2013) HRN EN 12393-3:2013 (EN 12393-3:2013)</p>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
51.	Žitarice Cereals	<p>Multirezidualna metoda za određivanje ostataka pesticida primjenom vezanog sustava GC-MS Bifenil, izoprokarb, difenilamin, karbofuran, pirimetanil, teflutrin, akrinatriin, transflutrin, demeton-S-metil sulfon, ciprodinil, klorfenvinfos, fentoat, haloksifop-metil, tetraklorvinfos, flutriafol, protiofos, dieldrin, p,p-DDE, flusilazol, bupirimat, oksadiksil, triazofos, tebukonazol, metoksiklor, bromukonazol I, bromukonazol II, fosmet, EPN, bifentrin, fosalon, azinfos-etil, fenarimol, bitertanol, permetrin I, permetrin II, piridaben, boskalid, tau-fluvalinat I, taufluvalinat II, azoksistrobin, Cis-menvinfos, klormefos, triklorfon, heptenofos, atrazin, alfa HCH, HCB, lindan, diazinon, klorotalonil, pirimikarb, fenklorfos, pirimifos-metil, bromofos- metil, pirimifos-etil, heptaklorepoksid-cis, cis klordan, trans klordan, endrin, etion, endosulfan-sulfat, cis tetrametrin, trans tetrametrin, azinfos- metil, lambda cihalotrin, dialifos, kumafos, cipermetrini (I-IV), deltametrin).</p> <p>Multiresidual method for determination of pesticide residues in food stuffs by GC-MS Biphenyl, isoprocarb, dyphenilamine, carbofuran, pyrimethanil, tefluthrin, acrinathrin, transflutrin, demeton-S-methyl sulfone, cyprodinil, chlorfenvinphos, phenthoate, haloxifop-methyl, tetrachlorvinphos, flutriafol, prothiophos, dieldrin, p,p-DDE, flusilazole, bupirimate, oxadixyl, triazophos, tebuconazole, metoxychlor, bromuconazole I, bromuconazole II, phosmet, EPN, biphenethrin, phosalone, azinphos-ethyl, fenarimole, biterthanol, permethrin I, permethrin II, piridaben, boscalid, tau-fluvalinate I, taufluvalinaet II, azoxystrobin, Cis-menvinphos, chlormepfos, trichlorfon, heptenophos, atrazine, alpha HCH, HCB, lindan, diazinon, chlorothalonil, pirimicarb, fenchlorphos, pirimiphos-methyl, bromophos- methy, pirimiphos-ethyl, heptachlorepoxyde-cis, cis chlordane, trans chlordane, endrin, ethion, endosulfan-sulphate, cis tetramethrin, trans tetramethrin, azinphos- methyl, lambda cyhalotrin, dialiphos, coumaphos, cyphermethrins (I-IV), deltamethrin).</p>	<p>P-PEST-4 Izdanje/Edition: 2/7 Datum/Date: 27.01.2016.</p> <p>Modificirana/modified HRN EN 12393-1:2013 (EN 12393-2:2013) HRN EN 12393-2:2013 (EN 12393-1:2013) HRN EN 12393-3:2013 (EN 12393-3:2013)</p>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
	Žitarice Cereals	<p>Multirezidualna metoda za određivanje ostataka pesticida primjenom vezanog sustava LC-MS-MS Metomil, Imidakloprid, Klotianidin, Karbendazim, Acetamiprid, Tiakloprid, Propoksur, Fostiazat, Metalaksil, Tritikonazol, Piraklostrobin, Prokloraz, Trifloksistrobin, Heksitiazoks, Spiromezifen, Flufenoksuron, Spirodiklofen, Etoprofos, Cimoksanil, Aldikarb, Metbromuron, Dietofenkarb, Linuron, Fenamidon, Terbutilazin, Metoksifenoimid, Dimetomorf, Ciprokonazol, Triadimefon, Fluopiram, Mepanipirim, Tetraconazol, Epoksikonazol, Fenbukonazol, Rotenon, Diflubenzuron, Tebufenozid, Izofenfos-metil, Penkonazol, Foksim, Metkonazol, Indoksakarb, Piriproksifen, Fenpiroksimat, Etofenproks, Teflubenzuron</p> <p>Multiresidual method for determination of pesticide residues in food stuffs by LC-MS-MS Methomil, Imidacloprid, Clothianidin, Carbendazim, Acetamiprid, Tiacloprid, Propoxur, Fostiazate, Metalaxyl, Triticonazole, Pyraclostrobin, Prochloraz, Trifloxystrobin, Hexythiazox, Spiromesifen, Flufenoxuron, Spirodiclofen, Etoprofos, Cymoxanil, Aldicarb, Metbromuron, Dietofencarb, Linuron, Fenamidone, Terbutylazin, Metoxyfenozide, Dimethomorf, Cyproconazole, Triadimefon, Fluopiram, Mepanipyrim, Tetraconazole, Epoxyconazole, Fenbuconazole, Rotenone, Diflubenzuron, Tebufenozid, Isofenphos-methyl, Penconazole, Phoxim, Metconazole, Indoxacarb, Pyriproxyfen, Fenpiroksimat, Etofenprox, Teflubenzuron</p>	<p>P-PEST-4 Izdanje/Edition: 2/7 Datum/Date: 27.01.2016.</p> <p>Modificirana/modified HRN EN 12393-1:2013 (EN 12393-2:2013) HRN EN 12393-2:2013 (EN 12393-1:2013) HRN EN 12393-3:2013 (EN 12393-3:2013)</p>
52.	Hrana biljnog porijekla (osim žitarica) Foods of plant origin (except cereals)	<p>Određivanje perklorata u hrani biljnog porijekla jednom metodom Single Method Perchlorate Determination in food of plant origin</p>	<p>P-PEST-9 Izdanje/ Edition: 1/0 Datum: Date: 13.01.2016.</p>
53.		<p>Izolacija ukupne DNA iz hrane pomoću GENESpin kita Isolation of genomic DNA from food using GENESpin kit</p>	<p>P-GMO-5 Izdanje/ Edition: 2/0 Datum/ Date: 03.04.2014.</p>
54.	Hrana i hrana za životinje Food and animal feeding stuffs	<p>Kvantitativno određivanje soje GTS 40-3-2 Event-specific method for the quantitation of soybean line GTS 40-3-2</p>	<p>P-GMO-8 Izdanje/ Edition: 2/2 Datum/ Date: 22.05.2015. Referentna metoda EURL: CRLVL08/05VP Ispravljena verzija 1 20/01/2009/ Reference method EURL: CRLVL08/05VP Corrected Version 1 20/01/2009</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>
55.		Kvantitativno određivanje kukuruza MON 810 <i>Event-specific method for the quantitation of maize line MON 810</i>	P-GMO-9 Izdanje/ Edition: 1/0 Datum/ Date: 07.04.2015. Referentna metoda EURL: CRLVL25/04VR 28/05/2009 Reference method EURL: CRLVL25/04VR 28/05/2009
56.	Hrana i hrana za životinje <i>Food and animal feeding stuffs</i>	Kvantitativno određivanje soje MON 89788 <i>Event-specific method for the quantitation of soybean line MON 89788</i>	P-GMO-10 Izdanje/ Edition: 1/0 Datum/ Date: 07.04.2015. Referentna metoda EURL: CRLVL05/06VP 18/02/2008 Reference method EURL: CRLVL05/06VP 18/02/2008
57.		Kvantitativno određivanje soje MON 87701 <i>Event-specific method for the quantitation of soybean line MON 87701</i>	P-GMO-11 Izdanje/ Edition: 1/0 Datum/ Date: 07.04.2015. Referentna metoda EURL: EURLVL05/09VP 13/07/2011 Reference method EURL: EURLVL05/09VP 13/07/2011
II. Voda / Waters			
58.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemne voda, voda za kupanje bazenska voda i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, bathing water, pool water and waste water</i>	Određivanje pH vrijednosti <i>Determination of pH</i>	HRN EN ISO 10523:2012 <i>(ISO 10523:2008, ISO 10523:2012)</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>
59.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda, voda za kupanje i bazenska vode <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, bathing water and pool water</i>	Određivanje električne vodljivosti <i>Determination of electrical conductivity</i>	HRN EN 27888:2008 <i>(ISO 7888:1985, EN 27888:1993)</i>
60.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda, voda za kupanje i bazenska voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, bathing water and pool water</i>	Određivanje otopljenih bromida, fluorida, klorida, nitrata, fosfata i sulfata metodom ionske tekućinske kromatografije <i>Determination of dissolved bromide, fluoride, chloride, nitrate, phosphate and sulphate ions, using liquid chromatography of ions</i>	HRN EN ISO 10304-1:2009 <i>(ISO 10304-1:2007; EN ISO 10304-1:2009)</i> HRN EN ISO 10304-1:2009/Ispr.1:2012 <i>(EN ISO 10304-1:2009/AC:2012)</i>
61.	Otpadna voda <i>Waste water</i>	Određivanje otopljenih fluorida, klorida, nitrata, fosfata i sulfata metodom ionske tekućinske kromatografije <i>Determination of dissolved fluoride, chloride, nitrate, phosphate and sulphate ions, using liquid chromatography of ions</i>	HRN EN ISO 10304-1:2009 <i>(ISO 10304-1:2007; EN ISO 10304-1:2009)</i> HRN EN ISO 10304-1:2009/Ispr.1:2012 <i>(EN ISO 10304-1:2009/AC:2012)</i>
62.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda, voda za kupanje i bazenska voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, bathing water, and pool water</i>	Određivanje mutnoće <i>Determination of turbidity</i>	HRN EN ISO 7027:2001 <i>(ISO 7027:1999; EN ISO 7027:1999)</i>

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
63.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda, voda za kupanje, bazenska voda i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, bathing water, pool water and waste water</i>	Određivanje amonija <i>Determination of ammonium</i>	HRN ISO 7150-1:1998 <i>(ISO 7150-1:1984)</i>
64.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption and ground water</i>	Određivanje ukupno otopljenih tvari <i>Determination of total dissolved solids</i>	Vlastita metoda/ <i>In-house method</i> P-VODE-12 Izdanje/Edition: 3/2 Datum/Date: 15.05.2013.
65.		Određivanje alkaliteta <i>Determination of total alkalinity</i>	HRN EN ISO 9963-1:1998 <i>(ISO 9963-1:1994; EN ISO 9963-1:1995)</i>
66.		Određivanje otopljenih Na ⁺ , K ⁺ , Ca ²⁺ i Mg ²⁺ metodom ionske kromatografije <i>Determination of dissolved Na⁺, K⁺, Ca²⁺ and Mg²⁺ using ion chromatography</i>	HRN EN ISO 14911:2001 <i>(ISO 14911:1998; EN ISO 14911:1999)</i>
67.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemne vode, vodena otopina ekstrakta iz materijala i predmeta koji dolaze u kontakt s vodom za ljudsku potrošnju i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, water solutions from materials and items extracts that are in a contact with water for human consumption and waste water</i>	Određivanje metala (Ba, Be, Co, Cr, Cu, Fe, Mn, Sr, Ni, i Zn) metodom optičke emisijske spektrometrije induktivno vezane plazme <i>Determination of selected elements (Ba, Be, Co, Cr, Cu, Fe, Mn, Sr, Ni and Zn) by inductively coupled plasma optical emission spectroscopy(ICP-OES)</i>	HRN EN ISO 11885:2010 <i>(ISO 11885:2007; EN ISO 11885:2009)</i>
68.			

Br./ No.	Materijali/Proizvodi Materials/Products	Vrsta ispitivanja/Svojstvo Type of test/Property Raspon/Range	Metoda ispitivanja Test method
69.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water and waste water</i>	Određivanje nitrita <i>Determination of nitrite</i>	HRN EN 26777:1998 <i>(ISO 6777:1984; EN 26777:1993)</i>
70.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption and ground water</i>	Određivanje silikata <i>Determination of silicate</i>	Prilagođena metoda SM* 4500-SiO ₂ D <i>Adopted method SM* 4500-SiO₂ D</i> P-VODE-17 Izdanje/Edition: 2/1 Datum/Date: 15.05.2013
71.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda i vodena otopina ekstrakta iz materijala i predmeta koji dolaze u kontakt s vodom za ljudsku potrošnju i otpadne vode <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water and water solutions from materials and items extracts that are in a contact with water for human consumption and waste water</i>	Određivanje arsena HG-ICP-OES tehnikom <i>Determination of arsenic by HG-inductively coupled plasma atomic emission spectroscopy</i>	Prilagođena metoda prema uputi proizvođača opreme <i>Adopted method according to the manufacturer procedure</i> P-VODE-21 Izdanje/Edition: 1/2 Datum/Date: 19.09.2013.

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>
72.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, and ground water</i>	Određivanje ukupne tvrdoće (određivanje sume kalcija i magnezija) <i>Determination of the total hardness (sum of calcium and magnesium)</i>	HRN ISO 6059:1998 <i>(ISO 6059:1984)</i>
73.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna, površinska i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground, surface and waste water</i>	Određivanje indeksa kemijske potrošnje kisika (KPK) <i>Determination of the chemical oxygen demand indeks</i>	HRN ISO 15705:2003 <i>(ISO 15705:2002)</i>
74.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna, površinska i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground, surface and waste water</i>	Određivanje isparnog ostatka na 105 °C <i>Total solids dried at 105 °C</i>	Standard methods 21 st. Ed. 2005 2540B
75.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna, površinska i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground, surface and waste water</i>	Određivanje suspendiranih tvari <i>Determination of suspended solids</i>	HRN EN 872:2008 <i>(EN 872:2005)</i>
76.	Podzemna, površinska i otpadna voda <i>Surface water, ground water and waste water</i>	Određivanje ukupnog fosfora <i>Determination of total phosphorus</i>	HRN EN ISO 6878:2008; poglavlje 7 <i>(ISO 6878:2004; EN ISO 6878:2004, clause 7)</i>
77.	Podzemna, površinska i otpadna voda <i>Surface water, ground water and waste water</i>	Određivanje ukupnog dušika <i>Determination of total nitrogen</i>	HRN EN ISO 11905-1:2001 <i>(ISO 11905-1:1997; EN ISO 11905-1:1998)</i>
78.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna, površinska i otpadna voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground, surface and waste water</i>	Određivanje neionskih tenzida <i>Determination of nonionic surfactants</i>	P-VODE-28 Izdanje/Edition: 1/1 Datum/Date: 07.05.2013. Merck 1.01787.0001 (kivetni test/cuvette test)
79.	Voda za ljudsku potrošnju, podzemna voda i otpadna voda <i>Water for human consumption, ground water and waste water</i>	Određivanje anionskih tenzida <i>Determination of anionic surfactants</i>	Standard methods, 21 st. Ed. 2005., 5540 C

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>
80.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda i bazenska voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water and pool water</i>	Određivanje boje <i>Determination of color</i>	Standard methods, 21 st. Ed. 2005., 2120C
81.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption and ground water</i>	Određivanje otopljenih klorata, klorita i bromata metodom ionske tekućinske kromatografije <i>Determination of dissolved chlorate, chlorite and bromate-method by liquid chromatography of ions</i>	HRN EN ISO 10304-4:2001 <i>(ISO 10304-4:1997; EN ISO 10304-4:1999)</i> HRN EN ISO 15061:2001 <i>(ISO 15061:2001; EN ISO 15061:2001)</i>
82.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption and ground water</i>	Određivanje naftalen, antracen, fluoranten, benzo(b)fluoranten, benzo (k) fluoranten, benzo(a)piren, benzo(g,h,i)perilen, indeno (1,2,3-c,d) piren u vodi HPLC-tehnikom na kruto-tekućoj fazi <i>Determination of naphthalene, Anthracene, fluoranthene benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene benzo(g h i)perylene, indeno(1,2,3-c,d)pyrene in water by HPLC technique after solid-phase extraction</i>	HRN EN ISO 17993:2008 <i>(ISO 17993:2002:2002; EN ISO 17993:2003)</i>
83.	Voda za ljudsku potrošnju <i>Water for human consumption</i>	Određivanje slobodnog i ukupnog klora <i>Determination of free chlorine and total chlorine</i>	HRN EN ISO 7393-2:2001 <i>(ISO 7393-2:1985; EN ISO 7393-2:2000)</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>
84.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda i bazenska voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water and pool water</i>	Određivanje permanganatnog indeksa <i>Determination of permanganate index</i>	HRN EN ISO 8467:2001 <i>(ISO 8467:1993; EN ISO 8467:1995)</i>
85.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption and ground water</i>	Detekcija i brojenje ukupnih koliforma i <i>E.coli</i> - metoda membranske filtracije <i>Detection and enumeration of Escherichia coli and coliform bacteria by membrane filtration</i>	HRN EN ISO 9308-1: 2014 <i>(ISO 9308-1:2014, EN ISO 9308-1:2014)</i>
86.	Voda za ljudsku potrošnju i podzemna voda <i>Water for human consumption and ground water</i>	Detekcija i brojenje ukupnih koliforma i <i>E.coli</i> - Colilert metoda (MPN) <i>Detection and enumeration of total coliforms and Escherichia coli by Colilert method (MPN)</i>	ISO 9308-2:2012
87.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju i podzemna voda <i>Natural mineral water, natural spring water, table water, water for human consumption and ground 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 7899-2:2000; EN ISO 7899-2:2000)</i>
88.	Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda i bazenska voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water, and pool water</i>	Detekcija i brojenje <i>Pseudomonas aeruginosa</i> - Metoda membranske filtracije <i>Detection and enumeration of Pseudomonas aureginosa - Membrane filtration method</i>	HRN EN ISO 16266:2008 <i>(ISO 16266:2006; EN ISO 16266:2008)</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>
89.	<p>Prirodne mineralne, prirodne izvorske, stolne vode, voda za ljudsku potrošnju, podzemna voda i bazenska voda <i>Natural mineral water, natural spring water, table water, water for human consumption, ground water and pool water</i></p>	<p>Brojenje uzgojenih mikroorganizama –Broj kolonija nacepljivanjem na hranjivi agar <i>Enumeration of culturable micro-organisms-Colony count by inoculation in a nutrient agar culture medium</i></p>	<p>HRN EN ISO 6222:2000 <i>(ISO 6222:1999; EN ISO 6222:1999)</i></p>
90.	<p>Voda za ljudsku potrošnju <i>Water for human consumption</i></p>	<p>Uzorkovanje vode za ljudsku potrošnju za određivanje odabranih kemijskih i mikrobioloških parametara <i>Sampling of drinking water for determination of selected chemical and microbiological parameters</i></p>	<p>HRN ISO 5667-5:2011 <i>(ISO 5667-5:2006)</i></p> <p>HRN EN ISO 19458:2008 <i>(ISO 19458:2006; EN ISO 19458:2006)</i></p>
91.	<p>Podzemna voda <i>Ground water</i></p>	<p>Uzorkovanje podzemne vode za određivanje odabranih kemijskih pokazatelja <i>Sampling of ground water for determination of selected chemical parameters</i></p>	<p>HRN ISO 5667-11:2011 <i>(ISO 5667-11:2009)</i></p>
III. Predmeti opće uporabe / Objects of common use			
92.		<p>Određivanje globalne migracije u vodenim modelnim otopinama ispunjavanjem predmeta od plastike <i>Testing of overall migration into aqueous food simulants by article filling</i></p>	<p>HRN EN 1186-9:2004 <i>(EN 1186-9:2002)</i></p>
93.	<p>Materijali i predmeti u kontaktu s hranom – plastika <i>Materials and articles in contact with food- plastic</i></p>	<p>Određivanje globalne migracije u vodenim modelnim otopinama migracijskom ćelijom <i>Testing overall migration into aqueous food simulants by cell</i></p>	<p>HRN EN ISO 1186-5:2004 <i>(EN 1186-5:2002)</i></p>
94.		<p>Određivanje globalne migracije potpunim uranjanjem predmeta od plastike <i>Test methods for overall migration into aqueous food simulants by total immersion</i></p>	<p>HRN EN 1186-3:2004 <i>(EN 1186-3:2002)</i></p>

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>
95.		<p>Određivanje globalne migracije sa zamjenskim modelnim otopinama hrane 95% etilnim alkoholom i izo-oktanom</p> <p><i>Test methods for “ substitutes tests “ for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane and 95% ethanol</i></p>	HRN EN 1186-14:2005 (EN 1186-14:2002)
96.	<p>Materijali i predmeti u kontaktu s hranom – plastika</p> <p><i>Materials and articles in contact with food- plastic</i></p>	<p>Određivanje tvari u simulantu hrane E –modificiranom polifenilenoksidu (Tenax-u) benzofenon, 2,6-dizopropilnaftalen, metilstearat, dibutil, sebacat, dietilheksil adipat, erukamid, kaprolaktam</p> <p><i>Determination of substances in food simulant E - modified polyphenylene oxide (Tenax) benzophenone, 2,6-diisoprylnaphthalene, methylstearate, Bis(2ethylhexyl) phthalate, Bis(2-ethyl)adipate, erucamide, caprolactam</i></p>	<p>Vlastita metoda/ <i>In-house method</i> P-POU-11 Izdanje/Edition: 1/0 Datum/Date: 28-03-2015</p>
97.		<p>Određivanje specifične migracije Ba, Co, Cu, Fe, Mn, Zn, Li u ekstraktu 3 vol% octene kiseline dobivenom iz materijala i predmeta koji dolaze u neposredan dodir s hranom</p> <p><i>Determination of the specific migration Ba, Co, Cu, Fe, Mn, Zn, Li, in extracts of 3 vol% acetic acid from materials and articles in contact with food</i></p>	<p>Vlastita metoda/ <i>In-house method</i> Oznaka/Code: P-POU-12 Izdanje/Edition: 1/0 Datum/Date: 28-03-2015</p>
98.	<p>Materijali i predmeti u kontaktu s vodom za piće</p> <p><i>Materials and articles in contact with drinking water</i></p>	<p>Priprema uzoraka za određivanje metala (Ba, Be, Co, Cr, Cu, Fe, Mn, Sr, Ni, Zn i As) iz materijala i predmeta koji dolaze u neposredan dodir s vodom za piće</p> <p><i>Sample preparation for deteremination of metals(Ba, Be, Co, Cr, Cu, Fe, Mn, Sr, Ni, Zn i As) from materials and articles in contact with drinking water</i></p>	<p>Vlastita metoda/ <i>In-house method</i> P-POU-9 Izdanje/Edition: 1/0 Datum/Date: 12-09-2013.</p>

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>
99.	Materijali i proizvodi u kontaktu s namirnicama Sastojci plastike podvrgnuti ograničenjima <i>Objects of common use in contact with foodstuffs - Plastic components undergo limitations</i>	Određivanje formaldehida u otopini hrane <i>Test methods for formaldehyde in solution of food</i>	HRN CEN/TS 13130:-23:2005
100.	Kozmetika <i>Cosmetics</i>	Određivanje pH vrijednosti u kozmetičkim proizvodima koji sadrže vodu <i>Determination of pH value in cosmetic products containing water</i>	Vlastita metoda/ <i>In-house method</i> P-POU-8 Izdanje/Edition: 1/1 Datum/Date:06-03-2013
101.		Određivanje broja i dokazivanje aerobnih mezofilnih bakterija <i>Enumeration and detection of aerobic mesophilic bacteria</i>	HRN EN ISO 21149:2010 <i>(ISO 21149:2006; EN ISO 21149:2009)</i>
102.		Određivanje broja kvasaca i plijesni <i>Enumeration of yeast and mould</i>	HRN EN ISO 16212:2011 <i>(ISO 16212:2008; EN ISO 21149:2011)</i>
103.		Dokazivanje bakterije <i>Staphylococcus aureus</i> <i>Detection of Staphylococcus aureus</i>	HRN EN ISO 22718:2016 <i>(ISO 22718:2015; EN ISO 22718:2015)</i>
104.		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>
105.		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>
106.		Dokazivanje kvasca <i>Candida albicans</i> <i>Detection of Candida albicans</i>	HRN EN ISO 18416:2016 <i>(ISO 18416:2015; EN ISO 18416:2015)</i>
107.		Procjena antimikrobne zaštite kozmetičkih proizvoda <i>Evaluation of the antimicrobial protection of a cosmetic product</i>	HRN EN ISO 11930:2012 <i>(ISO 11930:2012; EN ISO 11930:2012)</i>