HZJZ	**SLUŽBA ZA ZDRAVSTVENU EKOLOGIJU**		
	POPIS ISPITNIH METODA U FLEKSIBILNOM PODRUČJU *The valid list of the test methods in the flexible scope of accreditation* Popis se odnosi na Prilog potvrdi o akreditaciji broj **1041** dostupan na stranici www.akreditacija.hr, Datum izdanja priloga: *This list is related to Annex to Accreditation Certificate Number **1041** which is available at www.akreditacija.hr, Annex date of issue:* Izmjene su vidljive na kraju dokumenta / *Changes visible at the end of thedocument*		
Oznaka O-SZE-29	Datum/*Date*: 18.06.2026.	Izdanje/*Issue*: 15	Stranica/*Page*: 1/17

OZNAKE (*Index*)			
MATRIKS (*Matrix*)			**TEHNIKE (*Techniques*)**
I – HRANA I HRANA ZA ŽIVOTINJE **(*Food and animal feeding stuff*)**	**II – VODE** **(*Water*)**	**III – BILJNI MATERIAL** **(*Plant material*)**	**(1) qPCR** **(2) ICP-MS** **(3) HPLC-ICP-MS** **(5) HPLC** **(6) ICP-OES** **(7) GC-MS/MS** **(8) LC-MS/MS**
A – GMO – kvalitativno (A1) i kvantitativno (A2) *(Genetically modified organisms* – Qualitative (A1) *and Quantitative (A2))* **B – Elementi (B1) i elementne specije (B2)** *(Elements (B1) and elemental species (B2))* **C – Aditivi – Nitrati (C1), sladila (C2), bojila (C3), konzervansi (C4)** *(Aditives – Nitrates (C1), Sweeteners (C2), colors (C3), preservatives (C4))* **D – Biološki aktivne tvari – Vitamini (D1), Psihoaktivne tvari (D2), Ostale biološki aktivne tvari (D3)** *(Biologically Active Substances - Vitamins (D1), Psychoactive Substances (D2), other Biologically Active Substances (D3))* ***E – Pesticidi*** *(Pesticides)*	**B – Elementi (B1) i elementne specije (B2)** *(Elements (B1) and elemental species (B2))* **E – Pesticidi i poliklorirani bifenili** *(Pesticides and polychlorinated biphenyls)*	**D – Biološki aktivne tvari – psihoaktivne tvari (D2)** *(Biologically Active Substances – Psychoactive Substances (D2))*	

Oznaka (*Identification*)	**Materijali /Proizvodi** (*Materials /Products*)	**Vrsta ispitivanja/Svojstvo** (*Type of test/Property*) **Raspon** (*Range*)		**Tehnika** (Technique)	**Metoda ispitivanja** (Test method)
I – GMO (*Genetically modified organisms*)					
I-A1-1-1	**Hrana i hrana za životinje** *Food and Feed*	**Kvalitativno određivanje genetske modifikacije, utvrđivanje prisutnosti DNA sljedova karakterističnih za GMO** *Qualitative detection of genetic modification, determination of the presence of DNA sequences characteristic of GMOs*	**Određivanje CaMV 35S promotora** *Qualitative method for detection of CaMV 35S promoter*	**qPCR**	Oznaka/Code: P-GMO-12 Izdanje/ Edition: 1/1 Datum/ Date: 30.10.2019 Metoda/method: EU database of reference methods QT-ELE-00-001
I-A1-1-2			**Određivanje terminatora nopalin sintaze (tNOS)** *Qualitative method for detection of nopaline synthase terminator (tNOS)*		Oznaka/Code: P-GMO-13 Izdanje/ Edition: 1/1 Datum/ Date: 30.10.2019 Metoda/Method: EU database of reference methods QL-ELE-00-011
I-A1-1-3			**Određivanje spoja između kloroplast tranzitnog peptida 2 i CP4 epsps gena** *Qualitative method for detection of the junction between chloroplast transit peptide 2 and CP4 epsps Gene*		Oznaka/Code: P-GMO-14 Izdanje/ Edition: 1/1 Datum/ Date: 30.10.2019 Metoda/Method: EU database of reference methods QL-CON-00-008

I-A1-1-4			**Određivanje gena fosfinotricin N-acetiltransferaze (pat)** *Qualitative method for detection of phosphinothricin Nacetyltransferase gene*		Oznaka/Code: P-GMO-15 Izdanje/ Edition: 1/1 Datum/ Date: 30.10.2019 Metoda/Method: EU database of reference methods QT-ELE-00-002
I-A1-1-5			**Određivanje crylAb/Ac gena** *Qualitative method for detection of crylAb/Ac gene*		Oznaka/Code: P-GMO-16 Izdanje/ Edition: 1/1 Datum/ Date: 30.10.2019 Metoda/Method: EU database of reference methods QL-ELE-00-016
I-A1-1-6			**Određivanje tE9 gena** *Qualitative method for detection of tE9 gene*		Oznaka/Code: P-GMO-17 Izdanje/ Edition: 1/0 Datum/ Date: 30.10.2019. Metoda/Method: EU database of reference methods QL-ELE-00-024
I-A1-1-7			**Određivanje soje A5547-127** *Event-specific method for the soybean line A5547-127*		Oznaka/Code: P-GMO-19 Izdanje/ Edition:1/0 Datum/ Date: 15.06.2021. Metoda/Method: EU database of reference methods QT-EVE-GM-007
I-A2-1-1	**Hrana i hrana za životinje** *Food and Feed*	**Kvantitativno određivanje genetske modifikacije** *Quantitative detection of genetic modification*	**Određivanje soje GTS 40-3-2** *Event-specific method for the soybean line GTS 40-3-2*	**qPCR**	Oznaka/Code: P-GMO-8 Izdanje/ Edition: 2/3 Datum/ Date: 30.10.2019. Metoda/Method:EU database of reference methods CRLVL08/05VP Ispravljena verzija 1/Corrected Version 1
I-A2-1-2			**Određivanje kukuruza MON 810** *Event-specific method for the maize line MON 810*		Oznaka/Code: P-GMO-9 Izdanje/ Edition:1/1 Datum/ Date: 30.10.2019. Metoda/Method: EU database of reference methods CRLVL25/04VR
I-A2-1-3			**Određivanje soje MON 89788** *Event-specific method for the soybean line MON 89788*		Oznaka/Code: P-GMO-10 Izdanje/ Edition:1/1 Datum/ Date: 30.10.2019. Metoda/Method: EU database of reference methods CRLVL05/06VP Ispravljena verzija 1/Corrected Version 1
I-A2-1-4			**Određivanje soje MON 87701** *Event-specific method for the soybean line MON 87701*		Oznaka/Code: P-GMO-11 Izdanje/ Edition:1/1 Datum/ Date: 30.10.2019. Metoda/Method: EU database of reference methods EURLVL05/09VP

I-A2-1-5			**Određivanje soje MON 87708** *Event-specific method for the soybean line MON 87708*		Oznaka/Code: P-GMO-18 Izdanje/ Edition:1/0 Datum/ Date: 30.10.2019. Metoda/Method: : EU database of reference methods QT-EVE-GM-012
I – ELEMENTI I ELEMENTNE SPECIJE (*Elements and elemental species*)					
I-B1-2-1	**Hrana i hrana za životinje** *Food and Feed*	**Određivanje odabranih elemenata (Pb, Cd, uAs, Se, Cr, Cu, Zn, Mn, Mo, Fe, Ni, Al, uHg, Sn, Na, Mg, Ca, K, P) u hrani primjenom spektrometrije masa induktivno spregnute plazme (ICP MS) nakon mikrovalno potpomognute razgradnje** *Determination of selected element (Pb, Cd, tAs, Se, Cr, Cu, Zn, Mn, Mo, Fe, Ni, Al, tHg, Sn, Na, Mg, Ca, K, P) in food by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) using microwave assisted digestion*	**Pb, Cd, uAs, Se, Cr, Cu, Zn, Mn, Mo, Fe, Ni, Al, uHg, Sn, Na, Mg, Ca, K: (0,05 - 800) µg L^{-1}** P: (100 – 500) mg L^{-1}	**ICP-MS**	Vlastita metoda *In-house method* Oznaka/*Code*: P-MET-23 Izdanje/*Edition*: 2/0 Datum/*Date*: 15.04.2021.
I-B1-2-2	**Hrana i hrana za životinje** *Food and Feed*	**Određivanje joda u hrani spektrometrijom masa induktivno spregnute plazme (ICP MS)** *Determination of iodine in foods and feed by Inductively Coupled Plasma Mass Spectrometry (ICP-MS).*	**Jod (I)** Sol: (10 – 150) µg L^{-1} Hrana: (2,00 – 50,0) µg L^{-1}	**ICP-MS**	Vlastita metoda *In-house method* Oznaka/*Code*: P-MET-26 Izdanje/*Edition*: 1/0 Datum/*Date:* 21.10.2019.
I-B2-3-1	**Hrana i hrana za životinje** *Food and Feed*	**Određivanje specija arsena u hrani primjenom vezane tehnike tekućinska kromatografija visoke djelotvornosti (uz anionski izmjenjivač) i spektrometrijom masa induktivno spregnute plazme (HPLC-ICP MS)** *Determination of arsenic speciation in food by High Performance Liquid Chromatography - Inductively Coupled Plasma Mass Spectrometry (HPLC ICP MS) with a strong anionic exchange column*	**AsB; As(III); MMA; DMA; As(V); iAs (kao As(V)** (0,10– 2,0) µg L^{-1}	**HPLC-ICP-MS**	Vlastita metoda *In-house method* Oznaka/*Code*: P-MET-24 Izdanje/*Edition*: 2/0 Datum/*Date:* 14.03.2023.

I-B2-3-2	**Hrana iz mora** *Seafood*	**Određivanje metil žive i anorganske žive u hrani iz mora vezanom tehnikom HPLC-ICP MS** *Determination of methyl mercury and inorganic mercury in food and seafood by HPLC-ICP MS*	**MeHg; iHg** (0,05 - 1,50) µg L^{-1}	**HPLC-ICP-MS**	Vlastita metoda *In-house method* Oznaka/*Code*: P-MET-25 Izdanje/*Edition*: 1/0 Datum/*Date:* 24.10.2019.
I-B1-6-1	**Hrana i hrana za životinje** *Food and Feed*	**Određivanje odabranih elemenata (Ca, Mg, K, Na, Fe, Cr, Cu, Mn, Ni, P, S, Zn) u hrani i hrani za životinje primjenom optičkog emisijskog spektrometra uz induktivno spregnutu plazmu (ICP-OES) nakon mikrovalno potpomognute razgradnje** *Determination of selected element (Ca, Mg, K, Na, Fe, Cr, Cu, Mn, Ni, P, S, Zn) in food and Feed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) after microwave assisted digestion*	**Ca, Mg, K, Na, Fe, Cr, Cu, Mn, Ni, P, S, Zn** (0,01 – 100) mg L^{-1}	**ICP-OES**	Vlastita metoda/*In-house method* Oznaka/Code: P-MET-9 Izdanje/*Edition*: 1/0 Datum/*Date*: 10.01.2025.
I – ADITIVI (*Aditives*)					
I-C1-5-1	**Hrana** *Food*	***Određivanje nitrata metodom tekućinske kromatografije visoke djelotvornosti*** *Determination of nitrates by high performance liquid chromatographic method*	**NO_3^-** (1 – 81) mg L^{-1}	**HPLC**	Vlastita metoda/*In-house method* Oznaka/*Code*:P-ADIT-11 Izdanje/*Edition*: 1/7 Datum/*Date*: 17.04.2023.
I-C2-5-1	**Bezalkoholna osvježavajuća pića i dodaci prehrani**	**Određivanje sadržaja ciklamata metodom tekućinske kromatografije visoke djelotvornosti**	**Ciklamat** (5 – 405) mg L^{-1}	**HPLC**	Modificirana/*modified* HRN EN 12857:2000 *(EN 12857:1999)*

	Non-alcoholic beverages and food supplements	*Determination of cyclamate by high performance liquid chromatographic method*			
I-C2-5-2	**Bezalkoholna osvježavajuća pića i dodaci prehrani** *Non-alcoholic beverages and food supplements*	**Određivanje acesulafama-K i saharina metodom tekućinske kromatografije visoke djelotvornosti** *Determination of acesulfame-K and saccharin by high performance liquid chromatographic method*	**Acesulfatm-K, Saharin** (1 – 81) mg L^{-1}	**HPLC**	HRN EN 12856:2000 *(EN 12856:1999)*
I-C2-5-3	**Bezalkoholna osvježavajuća pića i dodaci prehrani** *Non-alcoholic beverages and food supplements*	**Određivanje aspartama metodom tekućinske kromatografije visoke djelotvornosti** *Determination of aspartame by high performance liquid chromatographic method*	**Aspartam** (1 – 81) mg L^{-1}	**HPLC**	Modificirana/*modified* HRN EN 12856:2000 *(EN 12856:1999)*
I-C2-5-4	**Hrana** *Food*	**Određivanje ukupnih steviol glikozida – steviozida i rebaudiozida A tehnikom HPLC** *Determination of total steviol glycosides- stevioside and rebaudioside A by HPLC*	**Steviozid, Rebaudiozid A** (10 – 100) mg L^{-1} **Ukupni steviol glikozidi**	**HPLC**	FAO JECFA Monographs 10 (2010)
I-C3-5-1	**Bezalkoholna osvježavajuća pića** *Non-alcoholic beverages*	**Određivanje bojila E102, E104, E110, E122, E123, E124, E129 i E133 HPLC metodom** *Determination of colours - E102, E104, E110, E122, E123, E124, E129 and E133 by HPLC method*	**E102, E104, E110, E122, E123, E124, E129 i E133** (0,5 – 40,5) mg L^{-1}	**HPLC**	Vlastita metoda/*In-house method* Oznaka/*Code*:P-ADIT-5 Izdanje/*Edition*: 3/0 Datum/*Date*: 18.12.2024.

I-C4-5-1	**Hrana** *Food*	**Određivanje benzojeve i sorbinske kiseline metodom tekućinske kromatografije visoke djelotvornosti** *Determination of aspartame by high performance liquid chromatographic method*	**Benzojeva kiselina, Sorbinska kiselina** (1 – 81) mg L^{-1}	**HPLC**	Modificirana/*modified* HRN ISO 22855:2014 *(EN 22855:2008)* Vlastita metoda/*In-house method* Oznaka/*Code*:P-ADIT-10 Izdanje/*Edition*: 2/2 Datum/*Date*: 2023-06-06
I – BIOLOŠKI AKTIVNE TVARI *(Biologically Active Substances)*					
I-D3-5-1	**Čaj, instant čajevi, dodaci prehrani u čvrstom obliku i bezalkoholna osvježavajuća pića** Tea, instant tea, food supplements in the form of solid and soft drinks	**Određivanje ukupne količine kofeina HPLC metodom** *Determination of caffeine content by HPLC method*	**Kofein** (2 – 15) µg mL^{-1}	**HPLC**	HRN ISO 10727:2017 (ISO 10727:2002) Modificirano, Modified method Oznaka/Code: P-DPBAPAT-4 Izdanje/Edition:1/3 Datum/Date: 15.02.2024.
I-D1-5-1	**Hrana i dodaci prehrani** *Food and food supplements*	**Određivanje vitamina C HPLC metodom** *Determination of vitamin C by HPLC method*	**Vitamina C** *(10 – 314) µg mL^{-1}*	**HPLC**	Vlastita metoda/In-house method Oznaka/*Code*: P-DPBAPAT-8 Izdanje/*Edition*: 1/4 Datum/*Date*:15.02.2024
I-D1-5-2	**Dodaci prehrani** *Food supplements*	**Određivanje vitamina B2 tekućinskom kromatografijom visoke djelotvornosti** *Determination of vitamin B2 by high performance liquid chromatography*	**Vitamin B2** (0,106 – 1,06) µg mL^{-1}	**HPLC**	HRN EN 14152:2014 *(EN 14152:2014)*

I-D1-5-3	**Dodaci prehrani u praškastom obliku** *Powdered food supplements*	**Određivanje vitamina E tekućinskom kromatografijom visoke djelotvornosti – Mjerenje α-, β-, γ- i δ-tokoferola (Određivanje alfa tokoferola i tokoferol acetata)** *Determination of vitamin E by high performance liquid chromatography – Measurement of α-, β-, γ- i δ-tocopherol (determination of tocopherol and tocopherol acetate)*	**Alfa tokoferol** (41,3 – 309,6) µg mL^{-1} **Tokoferol acetat** (50,4 – 504,8) µg mL^{-1}	**HPLC**	HRN EN 12822:2014 *(EN 12822:2014)* Modificirano, *Modified method* Oznaka/*Code:* P- DPBAPAT -9 Izdanje/*Edition:*1/2 Datum/*Date:* 15.02.2024.
I-D1-5-4	**Hrana i dodaci prehrani** *Food and food supplements*	**Određivanje vitamina B1 tekućinskom kromatografijom visoke djelotvornosti** *Determination of vitamin B1 by high performance liquid chromatography*	**Vitamin B1** (0,5 – 10) µg mL^{-1}	**HPLC**	HRN EN 14122:2014 *(EN 14122:2014)*
I-D1-5-5	**Hrana i dodaci prehrani** *Food and food supplements*	**Određivanje folne kiseline tekućinskom kromatografijom visoke djelotvornosti** *Determination of folic acid by high performance liquid chromatography*	**Folna kiselina** (50,6 – 1518) ng ml^{-1}	**HPLC**	Vlastita metoda/In-house method Oznaka/*Code:* P-DPBAPAT-18 Izdanje/*Edition:* 1/2 Datum/*Date:* 15.02.2024.
I-D1-5-6	**Hrana i dodaci Prehrani** *Food and food supplements*	**Određivanje vitamina B6 tekućinskom kromatografijom visoke djelotvornosti** *Determination of vitamin B6 by high performance liquid chromatography*	**Vitamin B6** (0,176 – 1,85) µg mL-1	**HPLC**	HRN EN14164:2014 *(EN 14164:2014)*
I-D1-5-7	**Hrana i dodaci prehrani** *Food and food supplements*	**Određivanje niacina tekućinskom kromatografijom visoke djelotvornosti** *Determination of niacin by high performance liquid chromatography*	**Niacin** (10 – 100) µg mL^{-1}	**HPLC**	HRN EN 15652:2010 *(EN 15652:2009)*

I-D1-5-8	**Dodaci prehrani** *Food supplements*	**Određivanje vitamina B5 tekućinskom kromatografijom visoke djelotvornosti** *Determination of vitamin B5 by high performance liquid chromatography*	**Vitamin B5** (10 – 250) µg mL^{-1}	**HPLC**	Vlastita metoda/In-house method Oznaka/*Code*: P-DPBAPAT-16 Izdanje/*Edition*: 1/1 Datum/*Date*: 15.02.2024.
I-D1-5-9	**Dodaci prehrani** *Food supplements*	**Određivanje vitamina B12 tekućinskom kromatografijom visoke djelotvornosti** *Determination of vitamin B12 by high performance liquid chromatography*	**Vitamin B12** (12 – 1272) µg mL^{-1}	**HPLC**	Vlastita metoda/In-house method Oznaka/*Code*: P-DPBAPAT-17 Izdanje/*Edition*: 1/1 Datum/*Date*: 15.02.2024.
I-D1-5-10	**Dodaci prehrani** *Food supplements*	**Određivanje biotina tekućinskom kromatografijom visoke djelotvornosti** *Determination of biotin by high performance liquid chromatography*	**Biotin** (33 –1292) µg mL^{-1}	**HPLC**	Vlastita metoda/In-house method Oznaka/*Code*: P-DPBAPAT-19 Izdanje/*Edition*: 1/1 Datum/*Date*: 15.02.2024.
I-D2-5-1	**Hrana i hrana za životinje** *Food and Feed*	**Određivanje kanabinoida tekućinskom kromatografijom visoke djelotvornosti** *Determination of cannabinoids by high performance liquid chromatography*	**delta 9-THC, delta 8-THC, CBD, CBDa, CBG, CBGa, CBDV, CBN** (0,1 – 100) µg mL^{-1} **THC-a** (0,5 – 100) µg mL^{-1} **CBC, CBCa** (1 – 100) µg mL^{-1} **HHC** (10 – 100) µg mL^{-1}	**HPLC**	Vlastita metoda/In-house method Oznaka/*Code*: P-DPBAPAT-20 Izdanje/*Edition*: 1/1 Datum/*Date*: 15.02.2024.

I – PESTICIDI *(Pesticides)*					
I-E-7/8-1	**Hrana biljnog porijekla** **Voće i povrće** **Visok udio vode** *Food of plant origin* *Fruit and vegetables* *High water content*	**Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća - Modularna metoda QuEChERS** *Multiresidue method for the determination of pesticides residues in fruit and vegetables – Modular QuEChERS method*	**GC-MS/MS – 123 Pesticida/123 Pesticides:** 2-fenilfenol/*2-phenylphenol*, Acetoklor/*acetochlor*, Aldrin/*aldrin*, Amitraz/*amitraz*, Atrazin/*atrazine*, Bifenil/*biphenyl*, Bifentrin/*byphentrin*, Bitertanol/*bitertanol*, Boskalid/*boscalid*, Bromofos-etil/*bromophos-ethyl*, Bromofos-metil/*bromophos-methyl*, Bromopropilat/*bromopropilate*, Bupirimat/*bupirimate*, Buprofezin/*buprofezin*, Ciflutrin I/*cyfluthrin I*, Ciflutrin II/*cyfluthrin II*, Ciflutrin III/*cyfluthrin III*, Ciflutrin IV/*cyfluthrin IV*, Cipermetrin II/*cypermethrin II*, Cipermetrin III/*cypermethrin III*, Cipermetrin IV/*cypermethrin IV*, Cipermetrin I/*cypermethrin I*, Ciprodinil/*cyprodinil*, DDD-p,p/*DDD-p,p*, DDE-p,p/*DDE-p,p, DDT*-o,p/*DDT-o,p*, DDT-p,p/*DDT-p,p*, Deltametrin-cis/*deltamethrin-cis*, Deltametrin-trans/*deltamethrin-trans*, Dialifos/*dialiphos*, Diazinon/*diazinon*, Dieldrin/*dieldrin*, Difenilamin/*difenilamine*, Diklofluanid/*dichlofluanid*, Dikofol/*dicofol*, Diklorvos/*dichlorvos*, Dikrotofos/*dicrotophos*, Endosulfan-alfa/*endosulfan-alpha*, Endosulfan-beta/*endosulfane-beta*, Endosulfan-sulfat/*endosulfan-sulphate*, Endrin/*endrin*, EPN/*EPN*, Esfenvalerat/*esfenvalerate*, Etion/*ethion*, Fenarimol/*fenarimol*, Fenazakvin/*fenazaquin*, Fenitrotion/*fenitrothion*, Fenklorfos/*fenchlorphos*, Fenopropatrin/*fenpropathrin*, Fenotrin-cis/*phenotryn-cis*, Fenotrin-trans/*phenotryn-trans*, Fention/*fenthion*, Fentoat/*phenthoate*, Fenvalerat/*fenvalerate*, Fludioksonil/*fludioxonil*, Fipronil/*fipronil*, Flusilazol/*flusilazole*, Flutriafol/*flutriafol*, Fonofos/*fonophos*, Fosalon/*phosalone*, Fosmet/*fosmet*, Haloksifop-2-etoksietil/*haloxyfop-2-etoxyethyl*, Haloksifop-metil/*haloxyfop-methyl*, HCH-alfa/*HCH-alpha*, HCH-beta/*HCH-beta*, HCH-delta/*HCH-delta*, HCH-gama (Lindan)/*HCH-gama (Lindane)*, Heksaklorbenzen HCB/*hexachlorobenzene HCB*, Heptaklor/*heptaklor*, Heptaklorepoksid-cis/*heptachlorepoxide-cis*, Heptaklorepoksid-trans/*heptachlorepoxide-trans*, Heptenofos/*heptenophos*, Iprodion/*iprodione*, Izofenofos/*isophenphos*, Izoprokarb/*isoprocarb*, Klordan-cis/*chlordan-cis*, Klordan-trans/*chlordan-trans*, Klorfenapir/*chlorfenapyr*, Klorfenvinfos/*chlorfenvinphos*, Klormefos/*chlormephos*, Klorpirifos/*chlorpyrifos*, Klorpirifos-metil/*chlorpyrifos-methyl*, Klorprofam/*chlorprofam*, Klorotalonil/*chlorothalonil*, Kumafos/*coumaphos*, Lambda cihalotrin/*lambda cyhalothrin*, Metidation/*methidation*, Metoksiklor/*metoxychlor*, Miklobutanil/*myclobutanil*, Oksadiksil/*oxadixyl*, Paklobutrazol/*paclobutrazol*, Paration-etil/*Parathion-ethyl*, Paration-metil/*parathion-methyl*, Pendimetalin/*pendimethalin*, Permetrin I/*permethrin I*, Permetrin II/*permethrin II*, Pirazofos/*pyrazophos*, Piridaben/*pyridaben*, Pirimetanil/*pyrimethanil*, Pirimifos-etil/*pirimiphos-ethyl*, Pirimifos-metil/*pirimiphos-methyl*, Pirimikarb/*pirimicarb*, Procimidon/*procimidone*, Profenofos/*profenophos*, Propargit/*propargite*, Propizamid/*propizamide*, Protiofos/*prothiofos*, Resmetrin-cis/*resmetrine-cis*, Resmetrin-trans/*resmetrine-trans*, Simazin/*simazine*, Tau-fluvalinat I/*tau-fluvalinate I*, Tau-fluvalinat II/*tau-fluvalinate II*, Tebukonazol/*tebuconazole*, Teflutrin/*teflutrin*, Tetradifon/*tetradiphone*, Tetraklorvinfos/*tetrachlorvinphos*, Tetrametrin-cis/*tethramethrin-cis*, Tetrametrin-trans/*tethramethrin-trans*, Tolilfluanid/*tolylfluanid*, Tolklofos metil/*tolclofos-methyl*, Transflutrin/*transfluthrine*, Trifluralin/*trifluralin*, Vinklozolin/*vinclozolin* **LC-MS/MS – 121 Pesticid/121 Pesticides:** 2,4-D /*2,4-D*, Ametoktradin/*ametoctradin*, Acefat/*acephat*, Acetamiprid/*acetamiprid*, Aldikarb/*aldicarb*, Aldikarb-sulfoksid/*aldicarb-sulphoxid*, Aldikarb-sulfon/*aldicarb-sulphone*, Azinfos-etil/*azynphos-ethyl*, Azinfos metil/*azynphos methyl*, Azoksistrobin/*azoxystrobin*, Benfurakarb/*benfuracarb*, Cifenotrin/*cyphenotrin*, Cimoksanil/*cymoxanil*, Ciprokonazol/*cyproconazole*, Ciromazin/*cyromazine*, Demeton-S-metil sulfon/*demeton-S-methyl sulfone*, Dietofenkarb/*diethofencarb*, Difenokonazol/*diphenoconazole*, Diflubenzuron/*diflubenzurone*, Dimetoat/*dimethoate*, Dimetomorf/*dimethomorph*, Dinikonazol/*diniconazole*, Dodin/*dodine*, Epoksikonazol/*epoxiconazole*, Etirimol/*ethiromol*, Etofenproks/*ethofenprox*, Etoprofos/*ethoprofos*, Fenamidon/*fenamidone*, Fenamifos sulfon/*fenamyphos sulfone*, Fenamifos/*phenamiphos*, Fenbukonazol/*fenbuconazole*, Fenheksamid/*fenhexamid*, Fenoksikarb/*fenoxicarb*, Fenpiroksimat/*fenpyroximate*, Fenpropimorf/*phenpropymorph*, Fention sulfoksid/*fenthion sulfoxide*, Fention-okson-sulfoksid/*fenthion-oxon-sulfoxide*, Flonikamid/*flonicamid*, Fluazifop/*fluazifop*, Flubendiamid/*fluobendiamide*, Flufenoksuron/*fluphenoxuron*, Fluksapiroksad/*fluxapyroxad*, Flukvinkonazol/*fluquinconazole*, Fluopiram/*fluopyrame*, Foksim/*phoxim*, Formetanat/*formethanate*, Formotion/*formothion*, Fostiazat/*fosthiazat*, Heksakonazol/*hexaconazole*, Heksitiazoks/*hexythiazox*, Imazalil/*imazalil*, Imidakloprid/*imidacloprid*, Indoksakarb/*indoxacarb*, Iprovalikarb/*iprovalicarb*, Izofenfos-metil/*isophenphos-methyl*, Izokarbofos/*isocarbophos*, Karbaril/*carbaryl*, Karbendazim/*carbendazime*, Karbofuran/*carbofuran*, Karbosulfan/*carbosulphan*, Klofentezin/*chlophentezin*, Klorantraniliprol/*chlorantraniliprol*, Klotianidin/*clothianidin*, Krezoksim-metil/*kresoxym-methyl*, Kvinoksifen/*quinoxyfen*, Linuron/*linuron*, Lufenuron/*lufenuron*, Malation/*malathion*, Mandipropamid/*mandipropamid*, Mepanipirim/*mepanipyram*, Meptildinokap/*meptyldinicap*, Metalaksil/*metalaxyl*, Metamidofos/*methamidophos*, Metiokarb/*metiocarb*, Metiokarb sulfoksid/*methiocarb sulfoxide*, Metkonazol/*methconazole*, Metobromuron/*methobromuron*, Metoksifenozid/*metoxyphenozide*, Metomil/*methomyl*, Monokrotofos/*monochrotophos*, Nitenpiram/*nitenpyram*, Oksamil/*oxamyl*, Ometoat/*omethoat*, Paraokson-etil/*paraoxon-ethyl*, Penkonazol/*penconazole*, Pensikuron/*pencycuron*, Pimetrozin/*pymetrosine*, Piraklostrobin/*pyraclostrobin*, Piretrini/*pyretrins*, Pirimikarb-desmetil/*pyrimicarb desmethyl*, Piriproksifen/*pyriproxyfen*, Prokloraz/*procloraz*, Propamokarb/*propamocarb*, Propikonazol/*propiconazole*, Propoxur/*Propoxur*, Protiokonazol/*prothioconazole*, Rotenon/*rotenone*, Spinosad A/*spinosad A*, Spinosad D/*spinosad D*, Spirodiklofen/*spirodyclophen*, Spiroksamin/*spiroxamine*, Spiromezifen/*spiromesifen*, Spirotetramat/*spirotetramat*, Tebufenozid/*tebuphenozide*, Tebufenpirad/*tebufenpyrad*, Teflubenzuron/*teflubenzuron*, Terbutilazin/*terbutylazine*, Tetrakonazol/*tetraconazole*, Tiabendazol/*thiabendazole*, Tiakloprid/*thiaclopryd*, Tiametoksam/*thiametoxam*, Tiodikarb/*tiodicarb*	**GC-MS/MS** **LC-MS/MS**	Vlastita metoda/In-house method Oznaka/Code: P-PEST-8 Izdanje/Edition: 2/5 Datum/Date: 2025-11-20 modificirana/modified HRN EN 15662:2018 (EN 15662:2018)

I-E-7/8-2	**Hrana biljnog porijekla** **Voće i povrće** **Visok udio kiseline i vode** *Food of plant origin* *Fruit and vegetables* *High acid and water content*	**Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća - Modularna metoda QuEChERS** *Multiresidue method for the determination of pesticides residues in fruit and vegetables – Modular QuEChERS method*	**GC-MS/MS – 123 Pesticida/123 Pesticides:** 2-fenilfenol/*2-phenylphenol*, Acetoklor/*acetochlor*, Aldrin/*aldrin*, Amitraz/*amitraz*, Atrazin/*atrazine*, Bifenil/*biphenyl*, Bifentrin/*byphentrin*, Bitertanol/*bitertanol*, Boskalid/*boscalid*, Bromofos-etil/*bromophos-ethyl*, Bromofos-metil/*bromophos-methyl*, Bromopropilat/*bromopropilate*, Bupirimat/*bupirimate*, Buprofezin/*buprofezin*, Ciflutrin I/*cyfluthrin I*, Ciflutrin II/*cyfluthrin II*, Ciflutrin III/*cyfluthrin III*, Ciflutrin IV/*cyfluthrin IV*, Cipermetrin II/*cypermethrin II*, Cipermetrin III/*cypermethrin III*, Cipermetrin IV/*cypermethrin IV*, Cipermetrin I/*cypermethrin I*, Ciprodinil/*cyprodinil*, DDD-p,p/*DDD-p,p*, DDE-p,p/*DDE-p,p*,DDT-o,p/*DDT-o,p*, DDT-p,p/*DDT-p,p*, Deltametrin-cis/*deltamethrin-cis*, Deltametrin-trans/*deltamethrin-trans*, Dialifos/*dialiphos*, Diazinon/*diazinon*, Dieldrin/*dieldrin*, Difenilamin/*difenilamine*, Diklofluanid/*dichlofluanid*, Dikofol/*dicofol*, Diklorvos/*dichlorvos*, Dikrotofos/*dicrotophos*, Endosulfan-alfa/*endosulfan-alpha*, Endosulfan-beta/*endosulfan-beta*, Endosulfan-sulfat/*endosulfan-sulphate*, Endrin/*endrin*, EPN/*EPN*, Esfenvalerat/*esfenvalerate*, Etion/*ethion*, Fenarimol/*fenarimol*, Fenazakvin/*fenazaquin*, Fenitrotion/*fenitrothion*, Fenklorfos/*fenchlorphos*, Fenpropatrin/*fenpropathrin*, Fenotrin-cis/*phenotryn-cis*, Fenotrin-trans/*phenotryn-trans*, Fention/*fenthion*, Fentoat/*phenthoate*, Fenvalerat/*fenvalerate*, Fludioksonil/*fludioxonil*, Fipronil/*fipronil*, Flusilazol/*flusilazole*, Flutriafol/*flutriafol*, Fonofos/*fonophos*, Fosalon/*phosalone*, Fosmet/*fosmet*, Haloksifop-2-etoksietil/*haloxyfop-2-etoxyethyl*, Haloksifop-metil/*haloxyfop-methyl*, HCH-alfa/*HCH-alpha*, HCH-beta/*HCH-beta*, HCH-delta/*HCH-delta*, HCH-gama(Lindan)/*HCH-gama (Lindane)*, Heksaklorbenzen HCB/*hexachorobenzene HCB*, Heptaklor/*heptachlor*, Heptaklorepoksid-cis/*heptachlorepoxide-cis*, Heptaklorepoksid-trans/*heptachlorepoxide-trans*, Heptenofos/*heptenophos*, Iprodion/*iprodione*, Izofenofos/*isophenphos*, Izoprokarb/*isoprocarb*, Klordan-cis/*chlordan-cis*, Klordan-trans/*chlordan-trans*, Klorfenapir/*chlorfenapyr*, Klorfenvinfos/*chlorfenvinphos*, Klormefos/*chlormephos*, Klorpirifos/*chlorpyrifos*, Klorpirifos-metil/*chlorpyrifos-methyl*, Klorprofam/*chlorprofam*, Klorotalonil/*chlorothalonil*, Kumafos/*coumaphos*, Lambda cihalotrin/*lambda cyhalothrin*, Metidation/*methidation*, Metoksiklor/*metoxychlor*, Miklobutanil/*miclobutanil*, Oksadiksil/*oxadixyl*, Paklobutrazol/*paclobutrazol*, Paration-etil/*Parathion-ethyl*, Paration-metil/*parathion-methyl*, Pendimetalin/*pendimethalin*, Permetrin I/*permethrin I*, Permetrin II/*permethrin II*, Pirazofos/*pyrazophos*, Piridaben/*pyridaben*, Pirimetanil/*pyrimethanil*, Pirimifos-etil/*pirimiphos-ethyl*, Pirimifos-metil/*pirimiphos-methyl*, Pirimikarb/*pirimicarb*, Procimidon/*procimidone*, Profenofos/*profenophos*, Propargit/*propargite*, Propizamid/*propizamide*, Protiofos/*prothiofos*, Resmetrin-cis/*resmetrine-cis*, Resmetrin-trans/*resmetrine-trans*, Simazin/*simazine*, Tau-fluvalinat I/*tau-fluvalinate I*, Tau-fluvalinat II/*tau-fluvalinate II*, Tebukonazol/*tebuconazole*, Teflutrin/*teflutrin*, Tetradifon/tetradiphone, *Tetraklorvinfos/tetrachlorvinphos*, Tetrametrin-cis/*tethramethrin-cis*, Tetrametrin-trans/*tethramethrin-trans*, Tolilfluanid/*tolylfluanid*, Tolklofos metil/*tolclofos-methyl*, Transflutrin/*transfluthrine*, Trifluralin/*trifluralin*, Vinklozolin/*vinclozolin* **LC-MS/MS – 121 Pesticid/121 Pesticides:** 2,4-D/*2,4-D*, Ametoktradin/*ametoctradin*, Acefat/*acephat*, Acetamiprid/*acetamiprid*, Aldikarb/*aldicarb*, Aldikarb-sulfoksid/*aldicarb-sulphoxid*, Aldikarb-sulfon/*aldicarb-sulphone*, Azinfos-etil/*azynphos-ethyl*, Azinfos metil/*azynphos methyl*, Azoksistrobin/*azoxystrobin*, Benfurakarb/*benfuracarb*, Cifenotrin/*cyphenotrin*, Cimoksanil/*cymoxanil*, Ciprokonazol/*cyproconazole*, Ciromazin/*cyromazine*, Demeton-S-metil sulfon/*dem-S-methyl sulfone*, Dietofenkarb/*diethofencarb*, Difenokonazol/*diphenoconazole*, Diflubenzuron/*diflubenzurone*, Dimetoat/*dimethoate*, Dimetomorf/*dimethomorph*, Dinikonazol/*diniconazole*, Dodin/*dodine*, Epoksikonazol/*epoxiconaole*, Etirimol/*ethiromol*, Etofenproks/*ethofenprox*, Etoprofos/*ethoprofos*, Fenamidon/*fenamidone*, Fenamifos sulfon/*fenamyphos sulfone*, Fenamifos/*phenamiphos*, Fenbukonazol/*fenbuconazole*, Fenheksamid/*fenhexamid*, Fenoksikarb/*fenoxicarb*, Fenpiroksimat/*fenpyroximate*, Fenpropimorf/*phenpropymorph*, Fention sulfoksid/*fenthion sulfoxide*, Fention-okson-sulfoksid/*fenthion-oxon-sulfoxide*, Flonikamid/*flonicamid,* Fluazifop/*fluasifop*, Flubendiamid/*fluobendiamide*, Flufenoksuron/*fluphenoxuron*, Fluksapiroksad/*fluxapyroxad*, Flukvinkonazol/*fluqvinconazol*, Fluopiram/*fluopyrame*, Foksim/*phoxim*, Formetanat/*formethanate*, Formotion/*formothion*, Fostiazat/*fosthiazat*, Heksakonazol/*hexaconazole*, Heksitiazoks/*hexythiazox*, Imazalil/*imazalil*, Imidakloprid/*imidacloprid*, Indoksakarb/*indoxacarb*, Iprovalikarb/*iprovalicarb*, Izofenfos-metil/*isophenphos-methyl*, Izokarbofos/*isocarbophos*, Karbaril/*carbaryl*, Karbendazim/*carbenzamide*, Karbofuran/*carbofuran*, Karbosulfan/*carbosulphan*, Klofentezin/*chlophentezin*, Klorantraniliprol/*chlorantraniliprol*, Klotianidin/*clothianidin*, Krezoksim-metil/*kresoxym-methyl*, Kvinoksifen/*qinoxyfen*, Linuron/*linuron*, Lufenuron/*lufenuron*, Malation/*malathion*, Mandipropamid/*mandipropamid*, Mepanipirim/*mepanipyram*, Meptildinokap/*meptyldinicap*, Metalaksil/*metalaxyl*, Metamidofos/*methamidophos*, Metiokarb/*metiocarb*, Metiokarb sulfoksid/*methiocarb sulfoxide*, Metkonazol/*methconazole*, Metobromuron/*methobromuron*, Metoksifenozid/ *metoxyphenozide*, Metomil/*methomyl*, Monokrotofos/*monochrotophos*, Nitenpiram/*nitenpyram*, Oksamil/*oxamyl*, Ometoat/*omethoat*, Paraokson-etil/*paraoxon-ethyl*, Penkonazol/*penconazole*, Pensikuron/*pencycuron*, Pimetrozin/*pymetrosine*, Piraklostrobin/*pyraclostrobin*, Piretrini/*pyretrins*, Pirimikarb-desmetil/*pyrimicarb desmethyl*, Piriproksifen/*pyriproxyfen*, Prokloraz/*procloraz*, Propamokarb/*propamocarb*, Propikonazol/*propiconazole*, Propoxur/*Propoxur*, Protiokonazol/*prothioconazole*, Rotenon/*rotenone*, Spinosad A/*spinosad A*, Spinosad D/*spinosad D*, Spirodiklofen/*spirdyclophen*, Spiroksamin/*spiroxamine*, Spiromezifen/*spiromesifen*, Spirotetramat/*spirotetramat*, Tebufenozid/*tebuphenozide*, Tebufenpirad/*tebufenpyrad*, Teflubenzuron/*teflubenzuron*, Terbutilazin/*terbutylazine*, Tetrakonazol/*tetraconazole*, Tiabendazol/*thiabendazole*, Tiaklopirid/*thiaclopryd*, Tiametoksam/*thiametoxam*, Tiodikarb/*thiodicarb*, Tiofanat-metil/*tyophanate-methyl*, Triadimefon/*triadimefon*, Triadimenol/*triadimenol*, Triazofos/*triazophos*, Trifloksistrobin/*trifloxystrobin*, Triflumuron/*triflumuron*, Triklorfon/*trichlorfon*, Tritikonazol/*triticonazole*, Zoksamid/*zoxamide*	**GC-MS/MS** **LC-MS/MS**	Vlastita metoda/In-house method Oznaka/Code: P-PEST-8 Izdanje/Edition: 2/5 Datum/Date: 2025-11-20 modificirana/modified HRN EN 15662:2018 (EN 15662:2018)

I-E-7/8-3	**Hrana biljnog porijekla** **Žitarice** **Visok udio škroba i/ili proteina i niski udio vode i masti** *Food of plant origin* *Cereals* *High starch and/or protein content and low water and fat content*	**Multirezidualna metoda za određivanje ostataka pesticida u uzorcima voća i povrća - Modularna metoda QuEChERS** *Multiresidue method for the determination of pesticides residues in fruit and vegetables – Modular QuEChERS method*	**GC-MS/MS – 118 Pesticida/118 Pesticides:** 2- fenilfenol/*2-phenylphenol*, Acetoklor/*acetochlor*, Aldrin/*aldrin*, Amitraz/*amitraz*, Atrazin/*atrazine*, Bifenil/*biphenyl*, Bifentrin/*byphentrin*, Bitertanol/*bitertanol*, Boskalid/*boscalid*, Bromofos-etil/*bromophos-ethyl*, Bromofos-metil/*bromophos-methyl*, Bromopropilat/*bromopropilate*, Bupirimat/*bupirimate*, Ciflutrin I/*cyfluthrin I*, Ciflutrin II/*cyfluthrin II*, Ciflutrin III/*cyfluthrin III*, Ciflutrin IV/*cyfluthrin IV*, Cipermetrin II/*cypermethrin II*, Cipermetrin III/*cypermethrin III*, Cipermetrin IV/*cypermethrin IV*, Cipermetrin I/*cypermethrin I*, Ciprodinil/*cyprodinil*, DDD-p,p/*DDD-p,p*, DDE-p,p/*DDE-p,p*, DDT-o,p/*DDT-o.p*, DDT-p,p/*DDT-p,p*, Deltametrin-cis/*deltamethrin-cis*, Deltametrin-trans/*deltamethrin-trans*, Dialifos/*dialiphos*, Diazinon/*diazinon*, Dieldrin/*dieldrin*, Difenilamin/*difenilamine*, Diklofluanid/*dichlofluanid*, Dikofol/*dicofol*, Diklorvos/*dichlorvos*, Endosulfan-alfa/*endosulfan-alpha*, Endosulfan-beta/*endosulfan-beta*, Endosulfan sulfat/*endosulfan-sulphate*, Endrin/*endrin*, EPN/*EPN*, Esfenvalerat/*esfenvalerate*, Etion/*ethion*, Fenarimol/*fenarimol*, Fenazakvin/*fenazaquin*, Fenitrotion/*fenitrothion*, Fenklorfos/*fenchlorphos*, Fenpropatrin/*fenpropathrin*, Fenotrin-cis/*phenotryn-cis*, Fenotrin-trans/*phenotry-trans*, Fention/*fenthion*, Fentoat/*phenthoate*, Fenvalerat/*fenvalerate*, Fipronil/*fipronil*, Fludioksonil/*fludioxonil*, Flusilazol/*flusilazol*, Flutriafol/*flutriafol*, Fonofos/*fonophos*, Fosalon/*phosalone*, Haloksifop-2-etoksietil/*haloxyfop-2-etoxyethyl*, Haloksifop-metil/*haloxyfop-methyl*, HCH-alfa/*HCH-alpha*, HCH-beta/*HCH-beta*, HCH-delta/*HCH-delta*, HCH-gama (Lindan)/*HCH-gama (Lindane)*, Heksaklorbenzen HCB/*hexachorobenzene HCB*, Heptaklor/*heptaklor*, Heptaklorepoksid-cis/*heptaklorepoxide-cis*, Heptaklorepoksid-trans/*heptaklorepoxide-trans*, Heptenofos/*heptenophos*, Iprodion/*iprodione*, Izofenofos/*isophenphos*, Klordan-cis/*chlordan-cis*, Klordan-trans/*chlordan-trans*, Klorfenapir/*chlorfenapyr*, Klorfenvinfos/*chlorfenvinphos*, Klormefos/*chlormephos*, Klorpirifos/*chlorpyrifos*, Klorpirifos-metil/*chlorpyrifos-methyl*, Klorprofam/*chlorprofam*, Klorotalonil/*chlorothalonil*, Kumafos/*coumaphos*, Lambda cihalotrin/*lambda cyhalothrin*, Metidation/*methidation*, Metoksiklor/*metoxychlor*, Miklobutanil/*miclobutanil*, Oksadiksil/*oxadixyl*, Paklobutrazol/*paclobutrazol*, Paration-etil/*Parathion-ethyl*, Paration-metil/*parathion-methyl*, Pendimetalin/*pendimethalin*, Permetrin I/*permethrin I*, Permetrin II/*permethrin II*, Pirazofos/*pyrazophos*, Piridaben/*pyridaben*, Pirimetanil/*pyrimethanil*, Pirimifos-etil/*pirimiphos-ethyl*, Pirimifos-metil/*pirimiphos-methyl*, Pirimikarb/*pirimicarb*, Procimidon/*procimidone*, Profenofos/*profenophos*, Propizamid/*propizamide*, Protiofos/*prothiofos*, Resmetrin-cis/*resmetrine-cis*, Resmetrin-trans/*resmetrine-trans*, Simazin/*simazine*, Tau-fluvalinat I/*tau-fluvalinate I*, Tau-fluvalinat II/*tau-fluvalinate II*, Tebukonazol/*tebuconazole*, Teflutrin/*teflutrin*, Tetradifon/*tetradiphone*, Tetraklorvinfos/*tetrachlorvinphos*, Tetrametrin-cis/*tethramethrin-cis*, Tetrametrin-trans/*tethramethrin-trans*, Tolilfluanid/*tolylfluanid*, Tolklofos metil/*tolclofos-methyl*, Transflutrin/*transfluthrine*, Trifluralin/*trifluralin*, Vinklozolin/*vinclozolin* **LC-MS/MS – 120 Pesticida/120 Pesticides:** 2,4-D /*2,4-D*, Ametoktradin/*ametoctradin*, Acefat/*acephat*, Acetamiprid/*acetamiprid*, Aldikarb/*aldicarb*, Aldikarb-sulfoksid/*aldicarb-sulphoxid*, Aldikarb-sulfon/*aldicarb-sulphone*, Azinfos-etil/*azynphos-ethyl*, Azinfos metil/*azynphos methyl*, Azoksistrobin/*azoxystrobin*, Benfurakarb/*benfuracarb*, Cimoksanil/*cymoxanil*, Ciprokonazol/*cyproconazole*, Ciromazin/*cyromazine*, Demeton-S-metil sulfon/demeton-S-methyl sulfone, Dietofenkarb/*diethofencarb*, Difenokonazol/*diphenoconazole*, Diflubenzuron/*diflubenzurone*, Dimetoat/*dimethoate*, Dimetomorf/*dimethomorph*, Dinikonazol/*diniconazole*, Diuron/*diuron*,Dodin/*dodine*, Epoksikonazol/*epoxiconazole*, Etirimol/*ethirimol*, Etofenproks/*ethofenprox*, Etoprofos/*ethoprofos*, Fenamidon/*fenamidone*, Fenamifos sulfon/*fenamyphos sulfone*, Fenamifos/*phenamiphos*, Fenbukonazol/*fenbuconazole*, Fenheksamid/*fenhexamid*, Fenoksikarb/*fenoxycarb*, Fenpiroksimat/*fenpyroximate*, Fenpropimorf/*phenpropymorph*, Fention sulfoksid/*fenthion sulfoxide*, Flonikamid/*flonicamid*, Fluazifop/*fluazifop*, Flubendiamid/*fluobendiamide*, Flufenoksuron/*fluphenoxuron*, Fluksapiroksad/*fluxapyroxad*, Flukvinkonazol/*fluquinconazole*, Formotion/*formothion*, Fostiazat/*fosthiazat*, Heksakonazol/*hexaconazole*, Heksitiazoks/*hexythiazox*, Imazalil/*imazalil*, Imidakloprid/*imidacloprid*, Indoksakarb/*indoxacarb*, Iprovalikarb/*iprovalicarb*, Izofenfos-metil/*isophenphos-methyl*, Izokarbofos/*isocarbophos*, Izoprokarb/*isoprocarb*, Izoproturon/*isoproturon*,Karbaril/*carbaryl*, Karbendazim/*carbenzamide*, Karbofuran/*carbofuran*, Karbosulfan/*carbosulfan*, Klofentezin/*chlophentezin*, Klorantraniliprol/*chlorantraniliprol*, Klotianidin/*clothianidin*, Krezoksim-metil/*kresoxym-methyl*, Kvinoksifen/*quinoxyfen*, Linuron/*linuron*, Lufenuron/*lufenuron*, Malaokson/*malaoxon*, Malation/*malathion*, Mandipropamid/*mandipropamid*, Mepanipirim/*mepanipyrim*, Metalaksil/*metalaxyl*, Metamidofos/*methamidophos*, Metiokarb/*metiocarb*, Metiokarb sulfoksid/*methiocarb sulfoxide*, Metkonazol/*metconazole*, Metobromuron/*methobromuron*, Metoksifenozid/*metoxyphenozide*, Metomil/*methomyl*, Metribuzin/*metribuzin*, Monokrotofos/*monochrotophos*, Nitenpiram/*nitenpyram*, Oksamil/*oxamyl*, Ometoat/*omethoat*, Paraokson-etil/*paraoxon-ethyl*, Penkonazol/*penconazole*, Pensikuron/*pensycuron*, Pimetrozin/*pymetrosine*, Piraklostrobin/*pyraclostrobin*, Pirimikarb-desmetil/*pyrimicarb desmethyl*, Piriproksifen/*pyriproxyfen*, Prokloraz/*procloraz*, Propamokarb/*propamocarb*, Propikonazol/*propiconazole*, Propoxur/*Propoxur*, Protiokonazol/*prothioconazole*, Protiokonazol-destio/*prothioconazole-desthio*, Prosulfokarb/*prosulfocarb*, Rotenon/*rotenone*, Spinosad A/*spinosad A*, Spinosad D/*spinosad D*, Spirodiklofen/*spirodyclophen*, Spiroksamin/*spiroxamine*, Spiromezifen/*spiromesifen*, Spirotetramat/*spirotetramat*, Tebufenozid/*tebuphenozide*, Tebufenpirad/*tebufenpyrad*, Teflubenzuron/*teflubenzuron*, Terbutilazin/*terbutylazine*, Tetrakonazol/*tetraconazole*, Tiabendazol/*thiabendazole*, Tiaklopirid/*thiaclopryd*, Tiametoksam/*thiametoxam*, Tiodikarb/*thiodicarb*, Tiofanat-metil/*tyophanate-methyl*, Triadimefon/*triadimefon*, Triadimenol/*triadimenol*, Triazofos/*triazophos*, Trifloksistrobin/*tryfloxystrobin*, Triflumuron/*tryflumuron*, Tritikonazol/*triticonazole*, Zoksamid/*zoxamide*	**GC-MS/MS** **LC-MS/MS**	Vlastita metoda/In-house method Oznaka/Code: P-PEST-8 Izdanje/Edition: 2/5 Datum/Date: 2025-11-20 modificirana/modified HRN EN 15662:2018 (EN 15662:2018)

I-E-8-4	**Hrana biljnog porijekla** *Food of plant origin*	**Single metoda za određivanje ostataka pesticida u hrani biljnog porijekla** *Single-residue method for the determination of pesticide residues in plant-derived food*	**LC-MS/MS – 10 Pesticida/10 Pesticides:** 2,4-D/*2,4-D*, Abamektin B1A/*abamectin B1A*, Ciromazin/*cyromazine,* Emamektin B1A/*emamectin B1A*, Fluazifop/*fluasifop,* Haloksifop/*haloxyfop*, Klormekvat/*Chlormequat,* MCPA/*MCPA*, Mepikvat/*Mepiquat*, Meptildinokap/*Meptyldinocap*	**LC-MS/MS**	Vlastita metoda/In-house method Oznaka/Code: Oznaka/Code: P-PEST-13 Izdanje/Edition: 1/0 Datum/Date: 2025-10-01
II – ELEMENTI I ELEMENTNE SPECIJE (*Elements and elemental species*)					
II-B1-2-1	**Voda (voda za ljudsku potrošnju; mineralna, izvorska i stolna voda; površinske i podzemne vode; voda za potrebu hemodijalize, otpadne vode** *Water (drinking water, mineral, spring and table water; surface water, ground water, water for hemodialysis purposes, waste water)*	**Određivanje odabranih elemenata (Al, As, Cu, Ba, Be, B, Zn, Cd, Cr, Co, Li, Mn, Ni, Pb, Se, Ag, Sr, U, V, Fe, Mo, Sb, Sn, Hg, Tl i Ti) u vodi direktnim mjerenjem ili nakon mikrovalno potmognute razgradnje primjenom spektrometrije masa induktivno spregnute plazme (ICP MS)** *Determination of selected element (Al, As, Cu, Ba, Be, B, Zn, Cd, Cr, Co, Li, Mn, Ni, Pb, Se, Ag, Sr, U, V, Fe, Mo, Sb, Sn, Hg, Tl i Ti) in water by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) direct or using microwave assisted digestion)*	**Elementi/ *Elements*** / **Granica kvantifikacije/ *Limit of quantification:*** **DM*** µg/L / **MW**** mg/L **Al** 1,4 / 0,007 **As** 0,02 / 0,0001 **Cu** 0,48 / 0,002 **Ba** 0,45 / 0,002 **Be** 0,14 / 0,0007 **B** 0,49 / 0,003 **Zn** 0,48 / 0,002 **Cd** 0,07 / 0,0004 **Cr** 0,10 / 0,0005 **Co** 0,15 / 0,0008 **Li** 0,43 / 0,002 **Mn** 0,28 / 0,001 **Ni** 0,24 / 0,001 **Pb** 0,12 / 0,0006 **Se** 0,20 / 0,001 **Ag** 0,30 / 0,002 **Sr** 0,30 / 0,002 **U** 0,12 / 0,0006 **V** 0,06 / 0,0003 **Fe** 1,4 / 0,007 **Mo** 0,10 / 0,0005 **Sb** 0,21 / 0,001 **Sn** 1,0 / 0,005 **Hg** 0,07/***0,005 / 0,0003 **Tl** 0,06 / 0,0003 **Ti** 0,27 / 0,001 ***DM**: direktno mjerenje/*Direct measurment* ****MW**: mjerenje nakon mikrovalne razgradnje/ *Measurment after using microwave assisted digestion* **** GK/LOQ – Hg - Površinska voda/Surface water*	**ICP-MS**	**HRN EN ISO 17294-2:2023** *(ISO 17294-2:2023; EN ISO 17294-2:2023)*

II-B2-3-1	**Voda (voda za ljudsku potrošnju; mineralna, izvorska i stolna voda; površinske i podzemne vode)** *Water (drinking water, mineral, spring and table water, surface water, ground water)*	**Određivanje bromata i bromida u vodi primjenom vezane tehnike tekućinska kromatografija visoke djelotvornosti (uz anionski izmjenjivač) i spektrometrije masa induktivno spregnute plazme (HPLC- ICP-MS)** *Determination of bromate and bromide in waters by High Perfomance Liquid Chromatography - Inductively Coupled Plasma Mass Spectrometry (HPLC-ICP-MS) with a strong anionic exchange column (HPLC-ICP-MS)*	**Elementne specije** *Elemental species* / **Granica kvantifikacije** *Limit of quantification:* µg/L BrO_3^-: 0,37 Br^-: 4,2	**HPLC-ICP-MS**	Vlastita metoda/*In-house method* Oznaka/Code: P-MET-27 Izdanje/*Edition*: 1/0 Datum/*Date*: 05.05.2021.

II – PESTICIDI I POLIKLORIRANI BIFENILI *(Pesticides and polychlorinated biphenyls)*					
II-E-7/8-1	**Voda za ljudsku potrošnju, površinske, podzemne, prirodne mineralne, izvorske i stolne vode te otpadne vode** *Water for human consumption, surface water, ground water, natural mineral water, natural spring water, table water and waste water*	**Određivanje pesticida i polikloriranih bifenila u uzorcima vode za ljudsku potrošnju, površinske, podzemne, prirodne mineralne, izvorske i stolne vode te otpadnim vodama** *Determination of pesticides and polychlorinated biphenyls in water samples intended for human consumption, surface water, groundwater, natural mineral water, spring water, table water and wastewater*	**Određivanje pesticida i PCBa/*Determination of pesticides and PCBs:*** Granica kvantifikacije/*Limit of quantification (µg/L):* **Voda za ljudsku potrošnju, površinske, podzemne, prirodne mineralne, izvorske, stolne** Water for human consumption, surface, ground, natural mineral, spring and table water **GC-MS/MS – 41 Pesticid/*41 Pesticides*:** 3,5,6-trikloro-2-piridinol/*3,5,6-Trichloro-2-pyridinol* (0,03),Acetoklor/*Acetochlor* (0,01), Aldrin/*Aldrin* (0,01), Dieldrin/*Dieldrin* (0,02), Diklorvos/*Dichlorvos* (0,01), Dikofol/*Dicofol* (0,03), Dimetoat/*Dimethoate* (0,03), DDD-p,p/*DDD-p,p* (0,01), DDE-p,p/*DDE-p,p* (0,01) DDT-o,p/*DDT-o,p* (0,03), DDT-p,p/*DDT-p,p* (0,03), Endosulfan-alfa/*Endosulfan-alpha* (0,03) Endosulfan-beta/*Endosulfan-beta* (0,03), Endosulfan sulfat/*Endosulfan sulfate* (0,03), Endrin/*Endrin* (0,03), Etion/*Ethion* (0,03), Fenitrotion/*Fenitrothion* (0,01), HCB/*HCB* (0,03), HCH-alfa/*HCH-alpha* (0,03) HCH-beta/*HCH-beta* (0,02), HCH-delta/*HCH-delta* (0,01), HCH-gama(Lindan)/*HCH-gamma (Lindane)* (0,01), Heptaklor/*Heptachlor* (0,03) Heptaklorepoksid-cis/*Heptachlorepoxide-cis* (0,03), Heptaklorepoksid-trans/*Heptachlorepoxide-trans* (0,03), Izodrin/*Isodrin* (0,03), Klorfenvinfos/*Chlorfenvinphos* (0,03), Klorpirifos/*Chlorpyrifos* (0,01), Klorpirifos-metil/*Chlorphyrifos-methyl* (0,03), Klorpirifos-oxon/*Chlorpyrifos oxon* (0,03), Klortalonil/*Chlorothalonil* (0,03), Malation/*Malathion* (0,02), Metoksiklor/*Methoxychlor* (0,03), Ometoat/*Omethoate* (0,03), Paration/*Parathion* (0,05), Pendimetalin/*Pendimethalin* (0,02), Pirimifos-etil/*Pirimiphos-ethyl* (0,03), Pirimifos-metil/*Pirimiphos-methyl* (0,03), s-metolaklor/*s-metolachlor* (0,01), Simazin/*Simazin* (0,01), Tolilfluanid/*Tolylfluanid* (0,03) **7 PCBa/7 PCBs:** PCB 28 (0,01), PCB 52 (0,01), PCB 101 (0,01), PCB 118 (0,01), PCB 138 (0,01), PCB 153 (0,01), PCB 180 (0,01) **LC-MS/MS – 61 Pesticid/*61 Pesticides:*** 2,4-D/*2,4-D* (0,02), 2,6-diklorbenzamid/*2,6-dichlorobenzamide* (0,02), Acetoklor ESA/*Acetochlor ESA* (0,03), Acetoklor OXA/*Acetochlor OXA* (0,03), Bentazon/*Bentazone* (0,03), Atrazin/*Atrazine* (0,01), Azoksistrobin/*Azoxystrobine* (0,05), Bromacil/*Bromacil* (0,01), Desisopropil atrazin/*Deisopropyl atrazine* (0,02), Desetil atrazin/*Desethyl atrazine* (0,03), Desetil terbutilazin/*Desethyl terbuthylazine* (0,03), Desetil-2-hidroksi atrazin/*Desethyl-2-hydroxy atrazine* (0,03), Desetil deisopropil atrazin/*Desethyl deisopropyl atrazine* (0,03), Desmetil isoproturon/*Desmethyl isoproturon* (0,02), Diazinon/*Diazinon* (0,03), Dikamba/*Dicamba* (0,03), Dimetaklor/*Dimethachlor* (0,03), Dimetaklor CGA 369873/*Dimethachlor CGA 369873* (0,03), Dimetaklor CGA 373464/*Dimethachlor CGA 373464* (0,03), Dimetaklor ESA /*Dimethachlor ESA* (0,03), Dimetaklor OXA /*Dimethachlor OXA* (0,03), Dimetenamid-p/*Dimethenamide-p* (0,01), Diuron/*Diuron* (0,02), Flazasulfuron/ *Flazasulfuron* (0,03), Fenamifos/*Fenamiphos* (0,03), Fenamifos sulfon/*Fenamiphos* sulfone (0,03), Fenamifos sulfoksid/*Fenamiphos* sulfoxide (0,03), Fosetil/*Fosetyl* (0,05), Glifosat/*Glyphosate* (0,03), Hidroksi atrazin/*Hydroxy atrazine* (0,03), Hidroksi simazin/*Hydroxy simazine* (0,03), Hidroksi terbutilazin/*Hydroxy terbuthylazine* (0,02), Izoksaflutol/*Isoxaflutole* (0,03), Izoksaflutol metabolit 203328/*Isoxaflutole metabolite 203328* (0,03), Izoksaflutol metabolit 202248/*Isoxaflutole metabolite 202248* (0,03), Izoproturon/*Isoproturon* (0,01), Karbendazim/*Carbendazim* (0,03), Klorotoluron/*Chlorotoluron* (0,02), Linuron/*Linuron* 0,02), Malaokson/*Malaoxon* (0,03), Mankozeb/*Manzoceb* (0,03), MCPA/*MCPA* (0,02), Mekoprop/*Mecoprop* (0,03), Metazaklor/*Metazachlor* (0,03), Metazaklor metabolit 479M09/*Metazachlor metabolite 479M09* (0,03), Metazaklor metabolit 479M11/*Metazachlor metabolite 479M11* (0,03), Metolaklor ESA/*Metolachlor ESA* (0,03), Metolaklor NOA/*Metolachlor NOA* (0,03), Metolaklor OXA/*Metolachlor OXA* (0,03), Metribuzin/*Metrybuzine* (0,05), Mezotrion/*Mesotrione* (0,03), Nikosulfuron/*Nicosulfuron* (0,03), Simazin/*Simazine* (0,04), Prometrin/*Prometryn* (0,01), Propineb/*Propineb* (0,04), Prosulfokarb/*Prosulfocarb* (0,01), Protiokonazol/*Prothioconazole* (0,03), Protiokonazol-destio/*Prothioconazole-desthio* (0,03), Tebukonazol/*Tebuconazole* (0,02), Terbutilazin/*Terbuthylazine* (0,03), Tiofanat metil/*Tiofanat methyl* (0,02) **Otpadne vode** Waste water **GC-MS/MS – 17 Pesticida/*17 Pesticides*:** Aldrin/*Aldrin* (0,2), Dieldrin/*Dieldrin* (0,2), DDD-p,p/*DDD-p,p* (0,2), DDE-p,p/*DDE-p,p* (0,2), DDT-o,p/*DDT-o,p* (0,2), DDT-p,p/*DDT-p,p* (0,2), DDD-o,p/*DDD-o,p* (0,2), DDE-o,p/*DDE-o,p* (0,2), Endosulfan-alfa/*Endosulfan-alpha* (0,2), Endosulfan-beta/*Endosulfan-beta* (0,2), Endrin/*Endrin* (0,2), HCB/*HCB* (0,2), HCH-gama (Lindan)/*HCH-gamma (Lindane)* (0,2), Klorfenvinfos/*Chlorfenvinphos* (0,2), Klorpirifos/*Chlorpyrifos* (0,2), Atrazin/*Atrazine* (0,2), Simazin/*Simazine* (0,2) **7 PCBa/7 PCBs:** PCB 28 (0,01), PCB 52 (0,01), PCB 101 (0,01), PCB 118 (0,01), PCB 138 (0,01), PCB 153 (0,01), PCB 180 (0,01)	**GC-MS/MS** **LC-MS/MS**	Vlastita metoda/*In-house method* P-PEST-10 Izdanje/*Edition:* 1/8 15.12.2025. modificirana */modified* US EPA Metoda 525.3

III – Biljni materijal					
III-D2-5-1	**Biljni materijal** *Plant material*	**Određivanje kanabinoida tekućinskom kromatografijom visoke djelotvornosti** *Determination of cannabinoids by high performance liquid chromatography*	**delta 9-THC, delta 8-THC, CBD, CBDa, CBG, CBGa, CBDV, CBN** (0,1 – 100) µg mL^{-1} **THC-a** (0,5 – 100) µg mL^{-1} **CBC, CBCa** (1 – 100) µg mL^{-1} **HHC** (10 – 100) µg mL^{-1}	**HPLC**	Vlastita metoda/*In-house method* Oznaka/*Code*: P-DPBAPAT-20 Izdanje/*Edition*: 1/1 Datum/*Date*: 15.02.2024.

Napomena/*Note*:

- **qPCR –** Kvantitativna lančana reakcija polimerazom u stvarnom vremenu (*Real time quantification polymerase chain reaction*)
- **ICP-MS** – Spektrometrija masa induktivno spregnute plazme (*Inductively Coupled Plasma Mass Spectrometry*)
- **HPLC-ICP-MS** – Vezani sustav tekućinske kromatografije visoke djelotvornosti i spektrometrije masa induktivno spregnute plazme (*High-performance liquid chromatography coupled to Inductively Coupled Plasma Mass Spectrometry*)
- **HPLC –** Tekućinska kromatografija visoke djelotvornosti (*High-performance liquid chromatography*)
- **ICP-OES –** Optičko emisijski spektrometar uz induktivno spregnutu plazmu *(Inductively Coupled Plasma-Optical Emission Spectrometer)*
- **GC-MS/MS** - plinska kromatografija spregnuta s tandemnom spektrometrijom masa (**Gas Chromatography-Tandem Mass Spectrometry**)
- **LC-MS/MS -** tekućinska kromatografija spregnuta s tandemnom spektrometrijom masa (**Liquid Chromatography-Tandem Mass Spectrometry)**

Fleksibilnim područjem akreditacije dopušta se ispitnom laboratoriju primjena metoda ispitivanja na materijale/proizvode, vrstu ispitivanja/svojstvo i raspone unutar područja, u skladu s dokumentiranim i odobrenim postupcima laboratorija
Flexible scope allows laboratory application test methods in materials/products, type of test/property and ranges within the scope, in accordanc with the laboratory's documented and approved procedures
Važeći popis ispitnih metoda iz fleksibilnog područja akreditacije dostupan je na www.hzjz.hr
The valid list of accredited methods in the flexible scope is available on www.hzjz.hr
Početak fleksibilnog područja 2018. godina
The beginning of flexible scope of accreditation 2018.

PRAĆENJE IZMJENA:

Datum izmjene	Opis izmjena
05.03.2020.	Promijenjeni postupci pod oznakama I-A-1-1 i I-A-1-2 Metode pod oznakama: I-A-1-1 **Određivanje crylAb/Ac gena** i I-A-1-2 **Određivanje soje MON 87708** su nove metode u fleksibilnom području. Proširenje fleksibilnog područja: Matriks: I – Hrana i hrana za životinje, dodano (B) Elementi i elementne specije; Matriks: II – Vode, (B) Elementi i elementne specije Metode pod oznakama: I-B-2-1, I-B-3-1, I-B-4-1, I-B-4-2, I-B-4-3, I-B-4-4, I-B-4-5, I-B-4-6, I-B-4-7, I-B-4-8, II-B-2-1 iz fiksnog područja prebačene su u fleksibilno područje. Metode pod oznakama: I-B-2-2 **Određivanje joda u hrani spektrometrijom masa induktivno spregnute plazme (ICP-MS)** i I-B-3-2 **Određivanje metil žive i anorganske žive u hrani iz mora vezanom tehnikom HPLC-ICP-MS** su nove metode u fleksibilnom području.
15.04.2021.	Promijenjen postupak pod oznakom I-B-2-1 **Određivanje odabranih elemenata (Pb, Cd, uAs, Se, Cr, Cu, Zn, Mn, Mo, Fe, Ni, Al, uHg, Sn, Na, Mg, Ca, K, P) u hrani primjenom spektrometrije masa induktivno spregnute plazme (ICP-MS) nakon mikrovalno.** Proširenje metode po analitima: Na, Mg, Ca, K, P. Validacija i mjerna nesigurnost za dodane analite 15.04.2021.
23.04.2021.	Promijenjen postupak pod oznakom II-B-2-1 **Određivanje odabranih elemenata (Al, As, Cu, Ba, Be, B, Zn, Cd, Cr, Co, LI, Mn, NI, Pb, Sb, Ag, Sr, U, V, Fe, Mo, Sb, Sn, Hg, Tl i Ti) u vodi direktnim mjerenjem ili nakon mikrovalno potpomognute razgradnje primjenom spektrometrije masa induktivno spregnute plazme (ICP-MS)** Proširenje metode po analitu, Tl. Proširenje metode po matrici: Otpadne vode. Dodana norma: ***HRN EN ISO 15587-2:2002*** Validacija metode i izračun mjerne nesigurnosti za dodani analit Tl i otpadnu vodu, 23.04.2021.
05.05.2021.	Metode pod oznakama: II-B-3-1 **Određivanje bromata i bromida u vodi primjenom vezane tehnike tekućinska kromatografija visoke djelotvornosti (uz anionski izmjenjivač) i spektrometrija masa induktivno spregnute plazme (HPLC- ICP-MS)** je nova metoda u fleksibilnom području.
15.06.2021.	Metoda pod oznakom: I-A-1-2 **Određivanje soje A5547-127** je nova metoda u fleksibilnom području.
11.10.2021.	Pod oznakom II-B-2-1, uklonjena je norma HRN EN ISO 15587-2:2002. iz popisa metoda ispitivanja; dodane su granice kvantifikacije za sve elemente.
21.10.2021.	U metodama I-A-1-1 i I-A-1-2 pod metode ispitivanja maknuti datumi referentnih metoda. U I-A-1-2 pod vrste ispitivanja maknute engleske riječi ″quantification of″. Kod vrste ispitivanja: Određivanje soje MON89788 dodano ″Ispravljena verzija″ Pod napomene qPCR promijenjen u RT-PCR Pod napomene za RT-PCR promijenjena riječ kvantitivna u kvantitativna.
07.02.2023.	Vrsta ispitivanja/Svojstvo: Dokazivanje elemenata probira za GMO promijenjeno je u Kvalitativno određivanje genetske modifikacije, utvrđivanje prisutnosti DNA sljedova karakterističnih za GMO. Dokazivanje specifičnih genetski modificiranih elemenata promijenjeno je u Kvantitativno određivanje genetske modifikacije. Metoda Određivanje soje A5547-127 pod oznakom I-A-1-2 premještena je pod oznaku I-A-1-1. Oznaka za vrstu ispitivanja/Svojstvo, (B) Elementi i elementne specije u matriksu I - HRANA I HRANA ZA ŽIVOTINJE i matriksu II VODE promijenjene u oznaku B – Elementi (B1) i elementne specije (B2). Oznake za metode: I-B-2-1; I-B-2-2; I-B-3-1; I-B-3-2; I-B-4-1, I-B-4-2; I-B-4-3; I-B-4-4; I-B-4-5; I-B-4-6; I-B-4-7; I-B-4-8; II-B-2-1; II-B-3-1 promijenjene u oznake: I-B1-2-1; I-B1-2-2; I-B2-3-1; I-B2-3-2; I-B1-4-1; I-B1-4-2; I-B1-4-3; I-B1-4-4; I-B2-4-5; I-B1-4-6; I-B1-4-7; I-B2-4-8; II-B1-2-1; II-B2-3-1.
17.02.2023.	Oznaka A – GMO (*Genetically modified organisms*) u matriksu I - HRANA I HRANA ZA ŽIVOTINJE promijenjena u A – GMO – kvalitativno (A1) i kvantitativno (A2) *(Genetically modified organisms* – Qualitative (A1) *and Quantitative (A2*)). Promijenjena oznaka I-A-1 u I-A1-1 I I-A2-1. Dodane oznake za metode: I-A1-1-1, I-A1-1-2, I-A1-1-3, I-A1-1-4, I-A1-1-5, I-A1-1-6, I-A1-1-7, I-A2-1-1, I-A2-1-2, I-A2-1-3, I-A2-1-4, I-A2-1-5.
11.06.2023.	Pod oznakom I-B2-3-1, izmijenjeno izdanje metoda, P-MET-24.
29.09.2023.	Pod tehnike i napomenu RT-PCR promijenjen u qPCR.
27.10.2023.	Proširenje fleksibilnog područja: Matriks: I – Hrana i hrana za životinje, **C – Aditivi – nitrati (C1), sladila (C2), bojila (C3), konzervansi (C4)** (*Aditives – Nitrates (C1), Sweeteners (C2), colors (C3), preservatives (C4)*), Metode pod oznakama: I-C1-5-1, I-C2-5-1, I-C2-5-2, I-C2-5-3, I-C3-5-1 i I-C4-5-1iz fiksnog područja prebačene su u fleksibilno područje.
14.12.2023.	Pod oznakom II-B1-2-1, izmijenjeno izdanje norme (HRN EN ISO 17294-2:2016 (ISO 17294-2:2016; EN ISO 17294-2:2016) u HRN EN ISO 17294-2:2023 (ISO 17294-2:2023; EN ISO 17294-2:2023)).

22.04.2024.	Povlače se metode pod sljedećim oznakama: I-B1-4-1, I-B1-4-2, I-B1-4-3, I-B1-4-4, I-B2-4-5 i I-B1-4-6. U tablici oznake (Index) u kategoriji tehnike (Techniques) pod rednim brojem (4) AAS uklonjene oznake FAAS, GFAAS i HydrEA. Pod napomenama uklonjeni opisi za FAAS, GFAAS i HydrEA-GFAAS.
04.03.2025.	Metoda pod oznakom: I-B1-6-1 Određivanje odabranih elemenata (Ca, Mg, K, Na, Fe, Cr, Cu, Mn, Ni, P, S, Zn) u hrani i hrani za životinje primjenom optičkog emisijskog spektrometra uz induktivno spregnutu plazmu (ICP-OES) nakon mikrovalno potpomognute razgradnje je nova metoda u fleksibilnom području na novoj tehnici (6) ICP-OES. Metoda ispitivanja po referenci NMKL No 130:1989. zamijenjena je Vlastitom metodom P-ADIT-5, 3/0, 18.12.2024. Metoda pod oznakom I-C2-5-4: Određivanje ukupnih steviol glikozida – steviozida i rebaudiozida A tehnikom HPLC dodana je kao nova metoda u fleksibilnom području. Proširenje fleksibilnog područja: Matriks: I – Hrana i hrana za životinje, D – Biološki aktivne tvari – Vitamini (D1), Psihoaktivne tvari (D2), Ostale biološki aktivne tvari (D3) (*Biologically Active Substances - Vitamins (D1), Psychoactive Substances (D2), other Biologically Active Substances (D3)).* Metode pod oznakama: I-D3-5-1, I-D1-5-1, I-D1-5-2, I-D1-5-3, I-D1-5-4, I-D1-5-5, I-D1-5-6, I-D1-5-7, I-D1-5-8, I-D1-5-9, I-D2-5-1 iz fiksnog područja prebačene su u fleksibilno područje. Metoda pod oznakom I-D1-5-10, Određivanje biotina tekućinskom kromatografijom visoke djelotvornosti (*Determination of biotin by high performance liquid chromatography*) dodana je kao nova metoda u fleksibilnom području. U fleksibilnom području uvedena je: novi matriks: III – Biljni materijal. Metoda pod oznakom III-D2-5-1 : iz fiksnog područja prebačena je u fleksibilno područje.
20.01.2026.	Pod oznakom II-B1-2-1 u Tablici Elementi/Elements: Hg; Granica kvantifikacije/Limit of quantification: dodano je /***0,005; ***GK/LOQ – Hg - Površinska voda/Surface water
18.06.2026.	Proširenje fleksibilnog područja: Matriks: I – Hrana i hrana za životinje (E – Pesticidi) i II – Voda (E – Pesticidi i poliklorirani bifenili); Metode pod oznakama: I-E-7/8-1, I-E-7/8-2, I-E-7/8-3, I-E-8-4 i II-E-7/8-1 iz fiksnog područja prebačene su u fleksibilno područje. Povučene metode po oznakama: I-B1-4-7 i I-B2-4-8; Povučena tehnika pod oznakom (4) AAS; Iz napomena povučeno objašnjenje za AAS – Atomska apsorpcijska spektrometrija (Atomic Absorption Spectrometry, AAS) i za CV AAS – Tehnika hladnih para – Analizator žive (Mercury Analyser)

Izradila/o: *Prepared by:*	Ime/*Name:* Sanela Ljubenko Položaj/ *Position*: Voditeljica kvalitete	Datum i potpis: *Date and signature:* 10. 11. 2026.
Odobrila/o: *Approved by*:	Ime:/*Name*: Pavle Jeličić Položaj/*Position:* Voditelj Službe	Datum i potpis: *Date and signature:* 11. 11. 2026.