UREDBA KOMISIJE (EU) 2023/464

z dne 3. marca 2023

o spremembi Priloge k Uredbi (ES) št. 440/2008 o določitvi testnih metod v skladu z Uredbo (ES) št. 1907/2006 Evropskega parlamenta in Sveta o registraciji, evalvaciji, avtorizaciji in omejevanju kemikalij zaradi njene prilagoditve tehničnemu napredku

(Besedilo velja za EGP)

EVROPSKA KOMISIJA JE –

ob upoštevanju Pogodbe o delovanju Evropske unije,

ob upoštevanju Uredbe (ES) št. 1907/2006 Evropskega parlamenta in Sveta z dne 18. decembra 2006 o registraciji, evalvaciji, avtorizaciji in omejevanju kemikalij (REACH) ter o ustanovitvi Evropske agencije za kemikalije in o spremembi Direktive 1999/45/ES ter o razveljavitvi Uredbe Sveta (EGS) št. 793/93 in Uredbe Komisije (ES) št. 1488/94 ter Direktive Sveta 76/769/EGS in direktiv Komisije 91/155/EGS, 93/67/EGS, 93/105/ES in 2000/21/ES ([1]) ter zlasti člena 13(2) in (3) Uredbe,

ob upoštevanju naslednjega:

(1) Člen 13(3) Uredbe (ES) št. 1907/2006 določa, da če se za pridobitev informacij o intrinzičnih lastnostih snovi zahtevajo testi, se morajo ti izvesti v skladu s testnimi metodami iz uredbe Komisije ali v skladu z drugimi mednarodnimi testnimi metodami, ki jih Komisija ali Evropska agencija za kemikalije priznava kot enakovredne.

(2) Priloga k Uredbi Komisije (ES) št. 440/2008 ([2]) vsebuje testne metode, ki so priznane kot primerne za pridobivanje informacij o fizikalno-kemijskih, toksikoloških in ekotoksikoloških lastnostih kemikalij za namene Uredbe (ES) št. 1907/2006.

(3) Večina testnih metod iz Priloge k Uredbi (ES) št. 440/2008 je enakovrednih mednarodno dogovorjenim in sprejetim metodam (kot so smernice za testiranje Organizacije za gospodarsko sodelovanje in razvoj). Te metode se pogosto pregledujejo in spreminjajo, da se upošteva trenutno stanje na področju znanosti.

(4) Ponavljanje popolnega opisa navedenih mednarodno dogovorjenih in sprejetih metod iz Priloge k Uredbi (ES) št. 440/2008 za njihovo vključitev v zakonodajo Unije je povzročilo zamude pri prilagajanju navedene uredbe znanstvenemu napredku. Zato testne metode iz Priloge k Uredbi (ES) št. 440/2008 pogosto niso usklajene z najnovejšo različico ustreznih mednarodnih metod. Podobno se nove mednarodne testne metode Uredbi (ES) št. 440/2008 dodajo šele po daljšem časovnem obdobju.

(5) To je povzročilo negotovost za registracijske zavezance v skladu z Uredbo (ES) št. 1907/2006 in nosilce dolžnosti v skladu z drugo zakonodajo Unije glede tega, katere metode bi bilo treba uporabiti za pridobivanje podatkov za namene navedene uredbe in druge zakonodaje. Člen 13(2) Uredbe (ES) št. 1907/2006 določa, da je treba metode redno pregledovati in izboljševati, da se zmanjša število testiranj na vretenčarjih in število udeleženih živali, ter da Komisija po potrebi čim prej pripravi predlog za spremembo Uredbe (ES) št. 440/2008, da se nadomesti, zmanjša ali izboljša testiranje na živalih. Poleg tega člen 13 Direktive 2010/63/EU Evropskega parlamenta in Sveta ([3]) o zaščiti živali, ki se uporabljajo v znanstvene namene, določa pravno obveznost v Uniji, da se namesto metode na živalih uporabi alternativna metoda, ki ne vključuje uporabe žive živali, ko je taka metoda priznana na podlagi zakonodaje Unije. Morebitne zamude pri vnašanju novih alternativnih metod v Uredbo (ES) št. 440/2008 bi zato lahko ovirale pravočasno uporabo takšnih metod, potem ko so sprejete na mednarodni ravni.

([1]) UL L 396, 30.12.2006, str. 1.

([2]) Uredba Komisije (ES) št. 440/2008 z dne 30. maja 2008 o določitvi testnih metod v skladu z Uredbo (ES) št. 1907/2006 Evropskega parlamenta in Sveta o registraciji, evalvaciji, avtorizaciji in omejevanju kemikalij (REACH) (UL L 142, 31.5.2008, str. 1).

([3]) Direktiva 2010/63/EU Evropskega parlamenta in Sveta z dne 22. septembra 2010 o zaščiti živali, ki se uporabljajo v znanstvene namene (UL L 276, 20.10.2010, str. 33).

(6) V sklepu v zadevi 23/2018/SRS je evropska varuhinja človekovih pravic Komisiji predlagala, naj okrepi prizadevanja za poenostavitev in pospešitev postopka za uvedbo novih alternativnih testnih metod v skladu z Uredbo (ES) št. 440/2008. Poleg tega je Evropski parlament v svoji resoluciji 2021/2784(RSP) z dne 16. septembra 2021 o načrtih in ukrepih za pospešitev prehoda na inovacije brez uporabe živali pri raziskavah, regulativnem testiranju in izobraževanju opozoril, da člen 13 Uredbe (ES) št. 1907/2006 določa, da se zahteve za testne metode posodobijo takoj, ko so na voljo metode, ki ne vključujejo živali.

(7) Zato bi bilo treba za zagotovitev, da Uredba (ES) št. 440/2008 določa pravilne, posodobljene in ustrezne testne metode, ki so primerne za pridobivanje informacij v skladu z Uredbo (ES) št. 1907/2006, v Prilogo k navedeni uredbi vključiti tabelo z izčrpnim seznamom takih metod s sklicevanjem na ustrezno mednarodno testno metodo. Vključitev sklica na mednarodno testno metodo v tabelo bi morala Komisija šteti za priznanje take metode za namene člena 13(3) Uredbe (ES) št. 1907/2006.

(8) Popolni opisi testnih metod iz delov A, B in C Priloge k Uredbi (ES) št. 440/2008, ki ne ustrezajo več najnovejši različici mednarodne testne metode, bi bilo treba črtati iz navedene priloge, da se prepreči izvajanje testov v skladu s protokoli, ki ne zagotavljajo najsodobnejših znanstvenih informacij.

(9) Nekatere testne metode iz Priloge k Uredbi (ES) št. 440/2008 in ustrezne mednarodne testne metode se ne štejejo več za primerne za pridobivanje novih informacij v skladu z Uredbo (ES) št. 1907/2006. Testne metode B.22 Preskus dominantne smrtnosti na glodavcih; B.25 Preskus dedne translokacije na miših; B.34 Preskus strupenosti za razmnoževanje na eni generaciji; B.35 Študija dvogeneracijske reproduktivne strupenosti; B.39 Preizkus nenačrtne sinteze DNA (UDS) v jetrnih celicah sesalcev *in vivo* ter C.15 Ribe, preskus kratkotrajne toksičnosti na embriih in mladicah s hranilnim mešičkom bi bilo zato treba črtati iz navedene priloge in v tabeli iz navedene priloge ne bi smelo biti nobenega vnosa, ki bi se nanašal nanje.

(10) Uredbo (ES) št. 440/2008 bi bilo zato treba ustrezno spremeniti.

(11) Ukrepi iz te uredbe so v skladu z mnenjem odbora, ustanovljenega v skladu s členom 133 Uredbe (ES) št. 1907/2006 –

SPREJELA NASLEDNJO UREDBO:

Člen 1

Priloga k Uredbi (ES) št. 440/2008 se spremeni v skladu s Prilogo k tej uredbi.

Člen 2

Ta uredba začne veljati dvajseti dan po objavi v *Uradnem listu Evropske unije*.

Ta uredba je v celoti zavezujoča in se neposredno uporablja v vseh državah članicah.

V Bruslju, 3. marca 2023

Za Komisijo
predsednica
Ursula VON DER LEYEN

PRILOGA

Priloga k Uredbi (ES) št. 440/2008 se spremeni:

(1) pred delom A se vstavi naslednji del 0:

„**DEL 0**

MEDNARODNE TESTNE METODE, KI SO PRIZNANE KOT PRIMERNE ZA PRIDOBIVANJE INFORMACIJ O INTRINZIČNIH LASTNOSTIH SNOVI ZA NAMENE UREDBE (ES) št. 1907/2006

TABELA 1: TESTNE METODE ZA FIZIKALNO-KEMIJSKE LASTNOSTI SNOVI

Končna točka	Testna metoda	Ustrezno poglavje s popolnim opisom testne metode v delu A te priloge (številke v oklepajih pomenijo, da je bil popolni opis testne metode črtan iz dela A; prazno okence: v delu A te priloge ni ustrezne testne metode)
Tališče/ledišče	OECD Test Guideline 102: Melting Point/Melting Range (1995)	A.1
Vrelišče	OECD Test Guideline 103: Boiling point (1995)	A.2
Gostota	OECD Test Guideline 109: Density of Liquids and solids (2012)	(A.3)
Parni tlak	OECD Test Guideline 104: Vapour Pressure (2006)	(A.4)
Površinska napetost	OECD Test Guideline 115: Surface Tension of Aqueous Solutions (1995)	A.5
Topnost v vodi	OECD Test Guideline 105: Water Solubility (1995)	A.6
Porazdelitveni koeficient n-oktanol/voda	OECD Test Guideline 107: Partition Coefficient (n-octanol/water): Shake-Flask Method (1995)	(A.8)
	OECD Test Guideline 123: Partition Coefficient (1-Octanol/Water): Slow-Stirring Method (2022)	A.23
	OECD Test Guideline 117: Partition Coefficient (n-octanol/water): HPLC Method (2022)	A.24
Disociacijska konstanta	OECD Test Guideline 112: Dissociation Constants in Water (1981)	A.25
Viskoznost	OECD Test Guideline 114: Viscosity of Liquids (2012)	
Plamenišče	Test methods according to table 2.6.3 of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Spodnja in zgornja meja eksplozivnosti	EN 1839:2017 – Determination of the explosion limits and the limiting oxygen concentration (LOC) for flammable gases and vapours	
Vnetljivost	Test methods according to section 2.2.4.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
	Test L.2: sustained combustibility test, Part III, section 32 of the UN RTDG Manual of Tests and Criteria	

	Test N.1: test method for readily combustible solids, Part III, sub-section 33.2.4 of the UN RTDG Manual of Tests and Criteria	
	Test N.5: test method for substances which in contact with water emit flammable gases, Part III, sub-section 33.5.4 of the UN RTDG Manual of Tests and Criteria	
Temperatura samovžiga (trdne snovi)	Test N.4: test method for self-heating substances, Part III, sub-section 33.4.6 of the UN RTDG Manual of Tests and Criteria	
	EN 15188:2020 – Determination of the spontanous ignition behaviour of dust accumulations	
Temperatura samovžiga (tekočine, plini)	ISO/IEC 80079-20-1:2017 – Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data	
Temperatura razgradnje	Test Series H, part II, section 28, of the UN RTDG Manual of Tests and Criteria	
Eksplozivne lastnosti	Test methods according to Test series 1-3, Part I, sections 11-13 of the UN RTDG Manual of Tests and Criteria	
	EU Test method A.14 Explosive Properties	A.14
Oksidativne lastnosti	Test method according to section 2.4.4. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
	Test O.2: test for oxidizing liquids, Part III, sub-section 34.4.2 of the UN RTDG Manual of Tests and Criteria	
	Test O.1: Test for oxidizing solids, Part III, sub-section 34.4.1 of the UN RTDG Manual of Tests and Criteria	
	Test O.3: Gravimetric test for oxidizing solids, Part III, sub-section 34.4 3 of the UN RTDG Manual of Tests and Criteria	
Pirofornost	Test N.3: test method for pyrophoric liquids, Part III, sub-section 33.3.1.5 of the UN RTDG Manual of Tests and Criteria	
	Test N.2: test method for pyrophoric solids, Part III, sub-section 33.3.1.4 of the UN RTDG Manual of Tests and Criteria	
Granulometrija/ lastnosti delcev	EU test method A.22. Length Weighted Geometric Mean Diameter of Fibres	A.22
	ISO 13318 – Determination of Particle Size Distribution by Centrifugal Liquid Sedimentation Methods	
	ISO 21501 – Determination of Particle Size Distribution – Single Particle Light Interaction Methods	
	OECD Test Guideline 124: Determination of the Volume Specific Surface Area of Manufactured Nanomaterials (2022)	
	OECD Test Guideline 125: Particle Size and Particle Size Distribution of Nanomaterials (2022)	

pH	OECD Test Guideline 122: Determination of pH, Acidity and Alkalinity (2013)	
Lastnosti polimerov	OECD Test Guideline 118: Determination of the Number-Average Molecular Weight and the Molecular Weight Distribution of Polymers using Gel Permeation Chromatography (1996)	A.18
	OECD Test Guideline 119: Determination of the Low Molecular Weight Content of a Polymer Using Gel Permeation Chromatography (1996)	A.19
	OECD Test Guideline 120: Solution/Extraction Behaviour of Polymers in Water (2000)	(A.20)

TABELA 2: TESTNE METODE ZA TOKSIKOLOŠKE LASTNOSTI

Končna točka	Testna metoda	Ustrezno poglavje s popolnim opisom testne metode v delu B te priloge (številke v oklepajih pomenijo, da je bilo poglavje s popolnim opisom testne metode črtano iz dela B; prazno okence: v delu B te priloge ni ustrezne testne metode EU)
Jedkost za kožo/draženje kože	*In vitro:*	
	OECD Test Guideline 430: *In vitro* Skin Corrosion: Transcutaneous Electrical Resistance Test Method (TER) (2015)	B.40
	OECD Test Guideline 431: *In vitro* Skin Corrosion: Reconstructed Human Epidermis (RhE) Test Method (2019)	(B.40 bis.)
	OECD Test Guideline 435: *In vitro* Membrane Barrier Test Method for Skin Corrosion (2015)	B.65
	OECD Test Guideline 439: *In vitro* Skin Irritation: Reconstructed Human Epidermis Test Method (2021)	(B.46)
	In vivo:	
	OECD Test Guideline 404: Acute Dermal Irritation/Corrosion (2015)	B.4
Huda poškodba oči/draženje oči	*In vitro:*	
	OECD Test Guideline 437: Bovine Corneal Opacity and Permeability Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2020)	(B.47)
	OECD Test Guideline 438: Isolated Chicken Eye Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2018)	(B.48)

	OECD Test Guideline 460: Fluorescein Leakage Test Method for Identifying Ocular Corrosives and Severe Irritants (2017)	(B.61)
	OECD Test Guideline 491: Short Time Exposure *In Vitro* Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2020)	(B.68)
	OECD Test Guideline 492: Reconstructed Human Cornea-Like Epithelium (RhCE) Test Method for Identifying Chemicals Not Requiring Classification and Labelling for Eye Irritation or Serious Eye Damage (2019)	(B.69)
	OECD Test Guideline 492B: Reconstructed Human Cornea-like Epithelium (RHCE) Test Method for Eye Hazard Identification (2022)	
	OECD Test Guideline 494: Vitrigel-Eye Irritancy Test Method for Identifying Chemicals Not Requiring Classification and Labelling for Eye Irritation or Serious Eye Damage (2021)	
	OECD Test Guideline 496: *In vitro* Macromolecular Test Method for Identifying Chemicals Inducing Serious Eye Damage and Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2019)	
	OECD Test Guideline 467: Defined Approaches for Serious Eye Damage and Eye Irritation (2022)	
	In vivo:	
	OECD Test Guideline 405: Acute Eye Irritation/Corrosion (2021)	(B.5)
Preobčutljivost kože	*In vitro:*	
	OECD Test Guideline 442C: *In Chemico* Skin Sensitisation: Direct Peptide Reactivity Assay (DPRA) (2022)	(B.59)
	OECD Test Guideline 442D: *In Vitro* Skin Sensitisation Assays Addressing the AOP Key Event on Keratinocyte Activation (2022)	(B.60)
	OECD Test Guideline 442E: *In Vitro* Skin Sensitisation: *In Vitro* Skin Sensitisation Assays Addressing the Key Event on Activation of Dendritic Cells on the Adverse Outcome Pathway for Skin Sensitisation (2022)	(B.71)
	OECD Test Guideline 497: Defined Approaches on Skin Sensitisation (2021)	
	In vivo:	
	OECD Test Guideline 429: Skin Sensitisation – Local Lymph Node Assay (2010)	B.42
	OECD Test Guideline 442A: Skin Sensitisation – Local Lymph Node Assay: DA (2010)	B.50
	OECD Test Guideline 442B: Skin Sensitisation – Local Lymph Node Assay: BrdU-ELISA or -FCM (2018)	(B.51)

	OECD Test Guideline 406: Skin Sensitisation Guinea Pig Maximisation Test and Buehler Test (2022)	(B.6)
Mutagenost	*In vitro:*	
	OECD Test Guideline 471: Bacterial Reverse Mutation Test (2020)	(B.13/14)
	OECD Test Guideline 476: *In Vitro* Mammalian Cell Gene Mutation Test Using the Hprt and xprt Genes (2016)	(B.17)
	OECD Test Guideline 490: *In Vitro* Mammalian Cell Gene Mutation Tests Using the Thymidine Kinase Gene (2016)	B.67
	OECD Test Guideline 473: *In vitro* Mammalian Chromosome Aberration Test (2016)	B.10
	OECD Test Guideline 487: *In vitro* Mammalian Cell Micronucleus Test (2016)	B.49
	In vivo:	
	OECD Test Guideline 475: Mammalian Bone Marrow Chromosome Aberration Test (2016)	B.11
	OECD Test Guideline 474: Mammalian Erythrocyte Micronucleus Test (2016)	B.12
	OECD Test Guideline 483: Mammalian Spermatogonial Chromosome Aberration Test (2016)	B.23
	OECD Test Guideline 488: Transgenic Rodent Somatic and Germ Cell Gene Mutation Assays (2022)	(B.58)
	OECD Test Guideline 489: *In Vivo* Mammalian Alkaline Comet Assay (2016)	B.62
	OECD Test Guideline 470: Mammalian Erythrocyte Pig-a Gene mutation Assay (2022)	
Akutna toksičnost	Oral:	
	OECD Test Guideline 420: Acute Oral Toxicity: Fixed Dose Procedure (2002)	B.1 bis.
	OECD Test Guideline 423: Acute Oral Toxicity: Acute Toxic Class Method (2002)	B.1 tris.
	OECD Test Guideline 425: Acute Oral Toxicity: Up-and-Down Procedure (2022)	
	Dermal:	
	OECD Test Guideline 402: Acute Dermal Toxicity – Fixed Dose Procedure (2017)	(B.3)
	Inhalation:	
	OECD Test Guideline 403: Acute Inhalation Toxicity (2009)	B.2
	OECD Test Guideline 436: Acute Inhalation Toxicity – Acute Toxic Class Method (2009)	B.52
	OECD Test Guideline 433: Acute Inhalation Toxicity: Fixed Concentration Procedure (2018)	

Toksičnost pri ponovljenih odmerkih	OECD Test Guideline 407: Repeated Dose 28-Day Oral Toxicity Study in Rodents (2008)	B.7
	OECD Test Guideline 412: Subacute Inhalation Toxicity: 28-Day Study (2018)	(B.8)
	OECD Test Guideline 410: Repeated Dose Dermal Toxicity: 21/28-Day Study (1981)	B.9
	OECD Test Guideline 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test (2016)	B.64
	OECD Test Guideline 408: Repeated Dose 90-Day Oral Toxicity Study in Rodents (2018)	(B.26)
	OECD Test Guideline 409: Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents (1998)	B.27
	OECD Test Guideline 413: Subchronic Inhalation Toxicity: 90-Day Study (2018)	(B.29)
	OECD Test Guideline 411: Subchronic Dermal Toxicity: 90-Day Study (1981)	B.28
	OECD Test Guideline 452: Chronic Toxicity Studies (2018)	(B.30)
	OECD Test Guideline 453: Combined Chronic Toxicity/ Carcinogenicity Studies (2018)	(B.33)
Toksičnost za razmnoževanje/razvoj	OECD Test Guideline 443: Extended One-Generation Reproduction Toxicity Study (2018)	(B.56)
	OECD Test Guideline 421: Reproduction/ Developmental Toxicity Screening Test (2016)	B.63
	OECD Test Guideline 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test (2016)	B.64
	OECD Test Guideline 414: Prenatal Developmental Toxicity Study (2018)	(B.31)
Toksikokinetika	OECD Test Guideline 417: Toxicokinetics (2010)	B.36
	OECD Test Guideline 428: Skin Absorption: *In Vitro* Method (2004)	B.45
	OECD Test Guideline 427: Skin Absorption: *In Vivo* Method (2004)	B.44
Rakotvornost	OECD Test Guideline 451: Carcinogenicity Studies (2018)	(B.32)
	OECD Test Guideline 453: Combined Chronic Toxicity/ Carcinogenicity Studies (2018)	(B.33)
	EU test method B.21. *In Vitro* Mammalian Cell Transformation Test	B.21

(Razvojna) nevrotoksičnost	OECD Test Guideline 424: Neurotoxicity Study in Rodents (1997)	B.43
	OECD Test Guideline 426: Developmental Neurotoxicity Study (2007)	B.53
	OECD Test Guideline 418: Delayed Neurotoxicity of Organophosphorus Substances Following Acute Exposure (1995)	B.37
	OECD Test Guideline 419: Delayed Neurotoxicity of Organophosphorus Substances: 28-day Repeated Dose Study (1995)	B.38
Lastnosti endokrinih motilcev	*In vitro:*	
	OECD Test Guideline 455: Performance-Based Test Guideline for Stably Transfected Transactivation *In Vitro* Assays to Detect Estrogen Receptor Agonists and Antagonistsals (2021)	(B.66)
	OECD Test Guideline 456: H295R Steroidogenesis Assay (2022)	B.57
	OECD Test Guideline 458: Stably Transfected Human Androgen Receptor Transcriptional Activation Assay for Detection of Androgenic Agonist and Antagonist Activity of Chemicals (2020)	
	OECD Test Guideline 493: Performance-Based Test Guideline for Human Recombinant Estrogen Receptor (hrER) *In Vitro* Assays to Detect Chemicals with ER Binding Affinity (2015)	B.70
	In vivo:	
	OECD Test Guideline 440: Uterotrophic Bioassay in Rodents A short-term screening test for oestrogenic properties (2007)	B.54
	OECD Test Guideline 441: Hershberger Bioassay in Rats, A Short-term Screening Assay for (Anti)Androgenic Properties (2009)	B.55
Fototoksičnost	OECD Test Guideline 432: *In Vitro* 3T3 NRU Phototoxicity Test (2019)	(B.41)
	OECD Test Guideline 495: Ros (Reactive Oxygen Species) Assay for Photoreactivity (2019)	
	OECD Test Guideline 498: *In Vitro* Phototoxicity Test Method Using the Reconstructed Human Epidermis (RhE) (2021)	

TABELA 3: TESTNE METODE ZA EKOTOKSIKOLOŠKE LASTNOSTI

Končna točka	Testna metoda	Ustrezno poglavje s popolnim opisom testne metode v delu C te priloge (številke v oklepajih pomenijo, da je bilo poglavje s popolnim opisom testne metode črtano iz dela C; prazno okence: v delu C te priloge ni ustrezne testne metode EU)
Strupenost za vodno okolje	OECD Test Guideline 201: Freshwater Alga and Cyanobacteria, Growth Inhibition Test (2011)	C.3
	OECD Test Guideline 209: Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation) (2010)	C.11
	OECD Test Guideline 224: Determination of the Inhibition of the Activity of Anaerobic Bacteria (2007)	C.34
	OECD Test Guideline 244: Protozoan Activated Sludge Inhibition Test (2017)	
	OECD Test Guideline 221: Lemna sp. Growth Inhibition Test (2006)	C.26
	OECD Test Guideline 202: Daphnia sp. Acute Immobilisation Test (2004)	C.2
	OECD Test Guideline 211: Daphnia magna Reproduction Test (2012)	C.20
	OECD Test Guideline 203: Fish, Acute Toxicity Test (2019)	(C.1)
	OECD Test Guideline 210: Fish, Early-life Stage Toxicity Test (2013)	C.47
	OECD Test Guideline 215: Fish, Juvenile Growth Test (2000)	C.14
	OECD Test Guideline 236: Fish Embryo Acute Toxicity (FET) Test (2013)	C.49
	OECD Test Guideline 249: Fish Cell Line Acute Toxicity – the RTgill-W1 Cell Line Assay (2021)	
	OECD Test Guideline 242: Potamopyrgus antipodarum Reproduction Test (2016)	
	OECD Test Guideline 243: Lymnaea stagnalis Reproduction Test (2016)	
Razgradnja	OECD Test Guideline 111: Hydrolysis as a Function of pH (2004)	C.7
	OECD Test Guideline 301: Ready Biodegradability (1992)	C.4
	OECD Test Guideline 302A: Inherent Biodegradability: Modified SCAS Test (1981)	C.12

	OECD Test Guideline 302B: Inherent Biodegradability: Zahn-Wellens/EMPA Test (1992)	(C.9)
	OECD Test Guideline 302C: Inherent Biodegradability: Modified MITI Test (II) (2009)	
	OECD Test Guideline 303: Simulation Test – Aerobic Sewage Treatment – A: Activated Sludge Units; B: Biofilms (2001)	C.10
	OECD Test Guideline 304A: Inherent Biodegradability in Soil (1981)	
	OECD Test Guideline 306: Biodegradability in Seawater (1992)	C.42
	OECD Test Guideline 307: Aerobic and Anaerobic Transformation in Soil (2002)	C.23
	OECD Test Guideline 308: Aerobic and Anaerobic Transformation in Aquatic Sediment Systems (2002)	C.24
	OECD Test Guideline 309: Aerobic Mineralisation in Surface Water – Simulation Biodegradation Test (2004)	C.25
	OECD Test Guideline 310: Ready Biodegradability – CO_2 in sealed vessels (Headspace Test) (2014)	C.29
	OECD Test Guideline 311: Anaerobic Biodegradability of Organic Compounds in Digested Sludge: by Measurement of Gas Production (2006)	C.43
	OECD Test Guideline 314: Simulation Tests to Assess the Biodegradability of Chemicals Discharged in Wastewater (2008)	
	OECD Test Guideline 316: Phototransformation of Chemicals in Water – Direct Photolysis (2008)	
	EU test method C.5. Degradation – Biochemical Oxygen Demand	C.5
	EU test method C.6. Degradation – Chemical Oxygen Demand	C.6
Usoda in vedenje v okolju	OECD Test Guideline 305: Bioaccumulation in Fish: Aqueous and Dietary Exposure (2012)	C.13
	OECD Test Guideline 315: Bioaccumulation in Sediment-Dwelling Benthic Oligochaetes (2008)	C.46
	OECD Test Guideline 317: Bioaccumulation in Terrestrial Oligochaetes (2010)	C.30
	OECD Test Guideline 318: Dispersion Stability of Nanomaterials in Simulated Environmental Media (2017)	
	OECD Test Guideline 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC) (2001)	C.19
	OECD Test Guideline 106: Adsorption – Desorption Using a Batch Equilibrium Method (2000)	C.18
	OECD Test Guideline 312: Leaching in Soil Columns (2004)	C.44

	OECD Test Guideline 313: Estimation of Emissions from Preservative – Treated Wood to the Environment (2007)	C.45
	OECD Test Guideline 319A: Determination of *In Vitro* Intrinsic Clearance Using Cryopreserved Rainbow Trout Hepatocytes (RT-HEP) (2018)	
	OECD Test Guideline 319B: Determination of *In Vitro* Intrinsic Clearance Using Rainbow Trout Liver S9 Sub-Cellular Fraction (RT-S9) (2018)	
	OECD Test Guideline 320: Anaerobic Transformation of Chemicals in Liquid Manure (2022)	
Učinki na kopenske organizme	OECD Test Guideline 216: Soil Microorganisms: Nitrogen Transformation Test (2000)	C.21
	OECD Test Guideline 217: Soil Microorganisms: Carbon Transformation Test (2000)	C.22
	OECD Test Guideline 207: Earthworm, Acute Toxicity Tests (1984)	C.8
	OECD Test Guideline 222: Earthworm Reproduction Test (Eisenia fetida/Eisenia andrei) (2016)	(C.33)
	OECD Test Guideline 220: Enchytraeid Reproduction Test (2016)	(C.32)
	OECD Test Guideline 226: Predatory Mite (Hypoaspis (Geolaelaps) aculeifer) Reproduction Test in Soil (2016)	(C.36)
	OECD Test Guideline 232: Collembolan Reproduction Test in Soil (2016)	(C.39)
	OECD Test Guideline 208: Terrestrial Plant Test: Seedling Emergence and Seedling Growth Test (2006)	C.31
	OECD Test Guideline 227: Terrestrial Plant Test: Vegetative Vigour Test (2006)	
Učinki na organizme, ki živijo v usedlinah	OECD Test Guideline 218: Sediment-Water Chironomid Toxicity Using Spiked Sediment (2004)	C.27
	OECD Test Guideline 219: Sediment-Water Chironomid Toxicity Using Spiked Water (2004)	C.28
	OECD Test Guideline 233: Sediment-Water Chironomid Life-Cycle Toxicity Test Using Spiked Water or Spiked Sediment (2010)	C.40
	OECD Test Guideline 235: Chironomus sp., Acute Immobilisation Test (2011)	
	OECD Test Guideline 225: Sediment-Water Lumbriculus Toxicity Test Using Spiked Sediment (2007)	C.35
	OECD Test Guideline 238: Sediment-Free Myriophyllum Spicatum Toxicity Test (2014)	C.50
	OECD Test Guideline 239: Water-Sediment Myriophyllum Spicatum Toxicity Test (2014)	C.51

Učinki na ptice	OECD Test Guideline 205: Avian Dietary Toxicity Test (1984)	
	OECD Test Guideline 206: Avian Reproduction Test (1984)	
	OECD Test Guideline 223: Avian Acute Oral Toxicity Test (2016)	
Učinki na žuželke	OECD Test Guideline 213: Honeybees, Acute Oral Toxicity Test (1998)	C.16
	OECD Test Guideline 214: Honeybees, Acute Contact Toxicity Test (1998)	C.17
	OECD Test Guideline 237: Honey Bee (Apis Mellifera) Larval Toxicity Test, Single Exposure (2013)	
	OECD Test Guideline 245: Honey Bee (Apis Mellifera L.), Chronic Oral Toxicity Test (10-Day Feeding) (2017)	
	OECD Test Guideline 246: Bumblebee, Acute Contact Toxicity Test (2017)	
	OECD Test Guideline 247: Bumblebee, Acute Oral Toxicity Test (2017)	
	OECD Test Guideline 228: Determination of Developmental Toxicity to Dipteran Dung Flies (Scathophaga stercoraria L. (Scathophagidae), Musca autumnalis De Geer (Muscidae)) (2016)	
Lastnosti endokrinih motilcev	OECD Test Guideline 230: 21-Day Fish Assay (2009)	C.37
	OECD Test Guideline 229: Fish Short Term Reproduction Assay (2012)	C.48
	OECD Test Guideline 231: Amphibian Metamorphosis Assay (2009)	C.38
	OECD Test Guideline 234: Fish Sexual Development Test (2011)	C.41
	OECD Test Guideline 240: Medaka Extended OneGeneration Reproduction Test (MEOGRT) (2015)	C.52
	OECD Test Guideline 241: The Larval Amphibian Growth and Development Assay (LAGDA) (2015)	C.53“;
	OECD Test Guideline 248: Xenopus Eleutheroembryonic Thyroid Assay (XETA) (2019)	
	OECD Test Guideline 250: EASZY assay – Detection of Endocrine Active Substances, Acting Through Estrogen Receptors, Using Transgenic tg(cyp19a1b:GFP) Zebrafish embrYos (2021)	
	OECD Test Guideline 251: Rapid Androgen Disruption Activity Reporter (RADAR) Assay (2022)“	

(2) v delu A se besedilo pod naslovom poglavij A.3, A.4, A.8 do A.12, A.15 do A.17, A.20 in A.21 nadomesti z naslednjim: „Popolni opis te testne metode je bil črtan. Enakovredna mednarodna testna metoda ali druge testne metode, ki se uporabljajo za zadevno končno točko, so navedene v tabeli 1 dela 0.“;

(3) v delu B se besedilo pod naslovom poglavij B.3, B.5, B.6, B.8, B.13/14, B.17, B.26, B.29 do B.33, B.40 bis., B.41, B.46 do B.48, B.51, B.56, B.58 do B.61, B.66, B.68, B.69 in B.71 nadomesti z naslednjim: „Popolni opis te testne metode je bil črtan. Enakovredna mednarodna testna metoda je navedena v tabeli 2 dela 0.“;

(4) v delu B se besedilo pod naslovom poglavij B.22, B.25, B.34, B.35 in B.39 nadomesti z naslednjim: „Ta testna metoda je bila črtana, saj ni več priznana kot primerna za pridobivanje informacij o toksikoloških lastnostih kemikalij za namene Uredbe (ES) št. 1907/2006. Testne metode, ki se uporabljajo za zadevno končno točko, so navedene v tabeli 2 dela 0.“;

(5) v delu C se besedilo pod naslovom poglavij C.1, C.9, C.32, C.33, C.36 in C.39 nadomesti z naslednjim: „Popolni opis te testne metode je bil črtan. Enakovredna mednarodna testna metoda je navedena v tabeli 3 dela 0.“;

(6) v delu C se besedilo pod naslovom poglavja C.15 nadomesti z naslednjim: „Ta testna metoda je bila črtana, saj ni več priznana kot primerna za pridobivanje informacij o ekotoksikoloških lastnostih kemikalij za namene Uredbe (ES) št. 1907/2006. Testne metode, ki se uporabljajo za zadevno končno točko, so navedene v tabeli 3 dela 0.“.