

Anālītisko metožu veikspējas parametri ūdens matricā (piekrastes un pārejas ūdeņos)

| Nr.p.k. | CAS Nr.                              | Vielas nosaukums  | Matrica | Gads | Metodes nosaukums un analītiskais princips   | Metodes QL, mērvienība | Cik % paraugu zem QL |
|---------|--------------------------------------|---|---------|------|--|------------------------|----------------------|
| 1       | 15972-60-8                           | Alahlori  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values.                    | <0.010 µg/L            | 100                  |
| 2       | 120-12-7                             | Antracēns   | ūdens   | 2017 | US EPA 8270, CSN EN ISO 6468, US EPA 8000D, Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values.   | <0.020 µg/L            | 100                  |
| 3       | 1912-24-9                            | Atrazīns  | ūdens   | 2017 | US EPA 535, US EPA 1694) Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values. | <0.050 µg/L            | 100                  |
| 4       | 71-43-2                              | Benzols   | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.              | <0.20 µg/L             | 100                  |
| 5       | 32534-81-9                           | Brominēti difenilēteri                                      | ūdens   | 2017 | US EPA 1614, Determination of selected brominated flammable retarders (BFR) by isotope dilution method using HRGC-HRMS and calculation of brominated flammable retarders sums from measured values.  | <0.185 ng/l            | 100                  |
| 6       | 7440-43-9                            | Cd  | ūdens   | 2017 | SS EN ISO 17294-1, US EPA 200.8, SS NE ISO 11885, US EPA 200.7, SS ISO 17852   | 0.05 µg/l              | 100                  |
| 7       | 56-23-5                              | Tetrahlorgleklijs   | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.              | <0.10 µg/L             | 100                  |
| 8       | 85535-84-8                           | C10-13 hlorkāni   | ūdens   | 2017 | ISO 12010, Determination of chlorinated alkanes by gas chromatography method with MS/MS detection  | <0.40 µg/L             | 100                  |
| 9       | 470-90-6                             | Hlorfenvinfoss  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values.                    | <0.050 µg/L            | 100                  |
| 10      | 2921-88-2                            | Hlorpirifoss  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values.                    | <0.0500 µg/L           | 100                  |
| 11      | 309-00-2, 60-57-1, 72-20-8, 465-73-6 | Ciklodiēna pesticīdi: Aldrīns, Dieldrīns, Endrīns, Izodrīns | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values.                    | <0.010 µg/L            | 100                  |
| 12      | nepiemēro                            | DDT kopā  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values.                    | <0.010 µg/L            | 100                  |
| 13      | 50-29-3                              | para-para- DDT  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values.                    | <0.010 µg/L            | 100                  |
| 14      | 107-06-2                             | 1,2-Dihloretāns   | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.              | <0.50 µg/L             | 100                  |
| 15      | 75-09-2                              | Dihlormetāns  | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.              | <6.0 µg/L              | 100                  |
| 16      | 117-81-7                             | Di(2-etilheksil)-ftalāts (DEHP)                             | ūdens   | 2017 | US EPA 8061A, Determination of phthalates by gas chromatography method with MS detection and calculation of phthalates sums from measured values.  | <1.0 µg/L              | 100                  |

| Nr.p.k. | CAS Nr.    | Vielas nosaukums                                   | Matrica | Gads | Metodes nosaukums un analītiskais princips   | Metodes QL, mērvienība | Cik % paraugu zem QL |
|---------|------------|--|---------|------|--|------------------------|----------------------|
| 17      | 330-54-1   | Diurons  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 18      | 115-29-7   | Endosulfāns  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.010 µg/L            | 100                  |
| 19      | 206-44-0   | Fluorantēns  | ūdens   | 2017 | US EPA 8270, CSN EN ISO 6468, US EPA 8000D, Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values  | <0.030 µg/L            | 100                  |
| 20      | 118-74-1   | Heksahlorbenzols                                   | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.0050 µg/L           | 100                  |
| 21      | 87-68-3    | Heksahlorbutadiēns                                 | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.010 µg/L            | 100                  |
| 22      | 608-73-1   | Heksahlorcikloheksāns                              | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.040 µg/L            | 100                  |
| 23      | 34123-59-6 | Izoproturons                                       | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 24      | 7439-92-1  | Pb   | ūdens   | 2017 | SS EN ISO 17294-1, US EPA 200.8, SS NE ISO 11885, US EPA 200.7, SS ISO 17852   | 0.3 µg/l               | 100                  |
| 25      | 7439-97-6  | Hg   | ūdens   | 2017 | SS EN ISO 17294-1, US EPA 200.8, SS NE ISO 11885, US EPA 200.7, SS ISO 17852   | 0.002 µg/l             | 100                  |
| 26      | 91-20-3    | Naftalīns  | ūdens   | 2017 | US EPA 8270, CSN EN ISO 6468, US EPA 8000D, Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values  | <0.100 µg/L            | 100                  |
| 27      | 7440-02-0  | Ni   | ūdens   | 2017 | SS EN ISO 17294-1, US EPA 200.8, SS NE ISO 11885, US EPA 200.7, SS ISO 17852   | <1 µg/L                | 100                  |
| 28      | 84852-15-3 | 4-Nonilfenols                                      | ūdens   | 2017 | CSN EN ISO 18857-2, Determination of alkylphenols and alkylphenol ethoxylates by gas chromatography method with MS or MS/MS detection and calculation of alkylphenols and alkylphenol ethoxylates sums from measured values  | <0.100 µg/L            | 100                  |
| 29      | 140-66-9   | Oktilfenols (4-(1,1',3,3'-tetrametilbutil)-fenols) | ūdens   | 2017 | CSN EN ISO 18857-2, Determination of alkylphenols and alkylphenol ethoxylates by gas chromatography method with MS or MS/MS detection and calculation of alkylphenols and alkylphenol ethoxylates sums from measured values  | <0.010 µg/L            | 100                  |
| 30      | 87-86-5    | Pentahlorfenols                                    | ūdens   | 2017 | US EPA 8041, US EPA 3500, CSN EN 12673, Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and ECD and calculation of phenols, chlorinated phenols and cresols sums from measured values                             | <0.10 µg/L             | 100                  |
| 31      | neattiecas | <b>PAH</b>   | ūdens   | 2017 | US EPA 8270, CSN EN ISO 6468, US EPA 8000D, Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values  |                        |                      |
|         | 50-32-8    | Benz(a)pirēns                                      |         |      |  | <0.020 µg/L            | 100                  |
|         | 205-99-2   | Benz(b)fluorantēns                                 |         |      |  | <0.010 µg/L            | 100                  |
|         | 207-08-9   | Benz(k)fluorantēns                                 |         |      |  | <0.010 µg/L            | 100                  |
|         | 191-24-2   | Benz(g,h,i)perilēns                                |         |      |  | <0.010 µg/L            | 100                  |
|         | 193-39-5   | Indeno(1,2,3-cd)pirēns                             |         |      |  | <0.010 µg/L            | 100                  |
| 32      | 122-34-9   | Simazīns   | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 33      | 127-18-4   | Tetrahlortilēns                                    | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values | <0.20 µg/L             | 100                  |

| Nr.p.k. | CAS Nr.     | Vielas nosaukums                                    | Matrica | Gads | Metodes nosaukums un analītiskais princips   | Metodes QL, mērvienība | Cik % paraugu zem QL |
|---------|-------------|---|---------|------|--|------------------------|----------------------|
| 34      | 79-01-6     | Trihloretilēns                                      | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values | <0.10 µg/L             | 100                  |
| 35      | 36643-28-4  | Tributilvalvas savienojumi (Tributilvalvas katjons) | ūdens   | 2017 | The analyses of organotin compounds in water by gas chromatography GC-ICP-SFMS according to ISO 17353:2004   | <1 ng/L                | 100                  |
| 36      | 12002-48-1  | Trihlorbenzoli                                      | ūdens   | 2017 | US EPA 624, US EPA 8260, US EPA 8015, EN ISO 10301, MADEP 2004, rev. 1.1, ISO 11423, ISO 15680, Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values | <0.10 µg/L             | 100                  |
| 37      | 1582-09-8   | Trifluralīns  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.010 µg/L            | 100                  |
| 38      | 1763-23-1   | Perfluoroktānskābe un tās atvasinājumi (PFOS)       | ūdens   | 2017 | US EPA 537, Determination of perfluorinated and brominated compounds by liquid chromatography with MS/MS detection.  | <0.0100 µg/L           | 100                  |
| 39      | 124495-18-7 | Hinoksifēns   | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 40      | 74070-46-5  | Aklonifēns  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 41      | 42576-02-3  | Bifenokss   | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 42      | 28159-98-0  | Cibutrīns   | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 43      | 62-73-7     | Dihlorvoss  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |
| 44      | 76-44-8     | Heptahlori  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.010 µg/L            | 100                  |
| 45      | 3194-55-6   | Heksabromciklododekāns                              | ūdens   | 2017 | EPA 537 Determination of perfluorinated a brominated compounds by liquid chromatography method with MS/MS detection.   | 0.01 ug/l              | 100                  |
| 46      | 886-50-0    | Terbutrīns  | ūdens   | 2017 | CSN EN ISO 6468, US EPA 8081, DIN 38407-2, Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values       | <0.050 µg/L            | 100                  |