



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 5 Laboratory Certification Program
Drinking Water Certified Analyte List
Illinois Environmental Protection Agency
 825 North Rutledge, Springfield, Illinois 62702

| Effective: October 26, 2021 | Expiration: October 26, 2024 | List Date: May 8, 2023 |
|--|------------------------------|------------------------|
| Analyte | Method, 40 CFR | Certification Status |
| <u>Inorganic Contaminants (IOCs):</u> | | |
| Calcium | EPA 200.7, Rev. 4.4 (1994) | Full Certification |
| Hardness by Calculation | SM 2340B, 22nd Ed. | Full Certification |
| Iron | EPA 200.7, Rev. 4.4 (1994) | Full Certification |
| Magnesium | EPA 200.7, Rev. 4.4 (1994) | Full Certification |
| Silica | EPA 200.7, Rev. 4.4 (1994) | Full Certification |
| Sodium | EPA 200.7, Rev. 4.4 (1994) | Full Certification |
| Aluminum | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Antimony | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Arsenic | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Barium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Beryllium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Cadmium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Chromium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Copper | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Lead | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Manganese | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Molybdenum | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Nickel | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Selenium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Silver | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Thallium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Vanadium | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Zinc | EPA 200.8, Rev. 5.4 (1994) | Full Certification |
| Mercury | EPA 245.1, Rev. 3.0 (1994) | Full Certification |
| Chloride | EPA 300.0, Rev. 2.1 (1993) | Full Certification |
| Fluoride | EPA 300.0, Rev. 2.1 (1993) | Full Certification |
| Sulfate | EPA 300.0, Rev. 2.1 (1993) | Full Certification |
| Cyanide, Total | EPA 335.4, Rev. 1.0 (1993) | Full Certification |
| Nitrate | EPA 353.2, Rev. 2.0 (1993) | Full Certification |
| Nitrate + Nitrite | EPA 353.2, Rev. 2.0 (1993) | Full Certification |
| Nitrite | EPA 353.2, Rev. 2.0 (1993) | Full Certification |
| Orthophosphate | EPA 365.1, Rev. 2.0 (1993) | Full Certification |
| Sulfate | EPA 375.2, Rev. 2.0 (1993) | Full Certification |
| Alkalinity | SM 2320B, 22nd Ed. | Full Certification |
| Conductivity | SM 2510B, 22nd Ed. | Full Certification |
| Fluoride | SM 4500-F- C, 22nd Ed. | Full Certification |
| Orthophosphate | SM 4500-P E, 22nd Ed. | Full Certification |
| Total Dissolved Solids | SM 2540C, 22nd Ed. | Full Certification |
| Total Organic Carbon | SM 5310C, 22nd Ed. | Full Certification |

Enclosure A

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| Analyte | Method, 40 CFR | Certification Status |
| <u>Volatile Organic Compounds (VOCs):</u> | | |
| 1,1,1-Trichloroethane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,1,2-Trichloroethane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,1-Dichloroethene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,2,4-Trichlorobenzene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,2-Dichlorobenzene (ortho) | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,2-Dichloroethane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,2-Dichloropropane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| 1,4-Dichlorobenzene (para) | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Benzene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Carbon tetrachloride | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Chlorobenzene (mono) | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| cis-1,2-Dichloroethylene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Dichloromethane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Ethylbenzene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Styrene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Tetrachloroethylene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Toluene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| trans-1,2-Dichloroethene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Trichloroethene | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Vinyl chloride | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Xylenes (total) | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| <u>Total Trihalomethanes (TTHM):</u> | | |
| Bromodichloromethane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Bromoform | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Chloroform | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Dibromochloromethane | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| Total Trihalomethanes | EPA 524.3, Rev 1.0 (2009) | Full Certification |
| <u>Synthetic Organic Compounds (SOCs): Pesticides:</u> | | |
| Alachlor | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Atrazine | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Benzo(a)pyrene | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Chlordane | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Di(2-ethylhexyl)adipate | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Di(2-ethylhexyl)phthalate | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Endrin | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Heptachlor | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Heptachlor epoxide | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Hexachlorobenzene | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Hexachlorocyclopentadiene | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Lindane | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Methoxychlor | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Simazine | EPA 525.2, Rev 2.0 (1995) | Full Certification |
| Toxaphene | EPA 525.2, Rev 2.0 (1995) | Full Certification |

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| <u>Synthetic Organic Compounds (SOCs): Herbicides</u> | | |
| 2,4,5-TP (Silvex) | EPA 515.4, Rev 1.0 (2000) | Full Certification |
| 2,4-D | EPA 515.4, Rev 1.0 (2000) | Full Certification |
| Dalapon | EPA 515.4, Rev 1.0 (2000) | Full Certification |
| Dinoseb | EPA 515.4, Rev 1.0 (2000) | Full Certification |
| Pentachlorophenol | EPA 515.4, Rev 1.0 (2000) | Full Certification |
| Picloram | EPA 515.4, Rev 1.0 (2000) | Full Certification |
| <u>Synthetic Organic Compounds (SOCs):</u> | | |
| 1,2-Dibromoethane, EDB | EPA 504.1, Rev 1.1 (1995) | Full Certification |
| 1,2-Dibromo-3-chloropropane, DBCP | EPA 504.1, Rev 1.1 (1995) | Full Certification |
| 1,2-Dibromoethane, EDB | EPA 524.3, Rev 1.0 (2009) | Interim Certification |
| 1,2-Dibromo-3-chloropropane, DBCP | EPA 524.3, Rev 1.0 (2009) | Interim Certification |
| Carbofuran | EPA 531.1, Rev 3.1 (1995) | Full Certification |
| Oxamyl | EPA 531.1, Rev 3.1 (1995) | Full Certification |
| Glyphosate | EPA 547 (1990) | Full Certification |
| Endothall | EPA 548.1, Rev 1.0 (1992) | Full Certification |
| Diquat | EPA 549.2, Rev 1.0 (1997) | Full Certification |
| <u>Haloacetic Acids (HAA5):</u> | | |
| Dibromoacetic acid (DBA) | EPA 552.3, Rev 1.0 (2003) | Full Certification |
| Dichloroacetic acid (DCA) | EPA 552.3, Rev 1.0 (2003) | Full Certification |
| Monobromoacetic acid (MBA) | EPA 552.3, Rev 1.0 (2003) | Full Certification |
| Monochloroacetic acid (MCA) | EPA 552.3, Rev 1.0 (2003) | Full Certification |
| Trichloroacetic acid (TCA) | EPA 552.3, Rev 1.0 (2003) | Full Certification |
| Total Haloacetic Acids | EPA 552.3, Rev 1.0 (2003) | Full Certification |
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