

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 7

Drinking Water Chemical Analysis Certificate

Certificate No. R7 IA C01

This is to certify that

**The University of Iowa's Environmental & Public Health Laboratory
State Hygienic Laboratory - Coralville**
2490 Crosspark Road
Coralville, Iowa 52241

Has been certified reciprocally, based upon third party primary certification, to perform environmental analyses on drinking water compliance samples, in accordance with the Title 40, Code of Federal Regulations, Parts 141 and 142, for the chemical analytes and methods listed on the attached form. Continuous certification depends on successful, ongoing participation in the requirements of the certification program, and continued maintenance of primary certification.

Effective Date: **08/01/2023**

CECILIA TAPIA
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Date: 2023.07.25 08:16:36 -05'00'

Cecilia Tapia, LSASD Director
US EPA Region 7
Certification Authority

Expiration Date: **07/31/2026**

ROBERT NICHOLS
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Robert Nichols, LSASD/LTAB
US EPA Region 7
Laboratory Certification Program Manager

US EPA Region 7 Laboratory Certification Program

University of Iowa Environmental and
Public Health Laboratory
State Hygienic Laboratory
2490 Crosspark Road
Coralville, Iowa 52241

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List Date: 08/01/2023
Reciprocity: Yes – NELAC/TNI-Kansas

The laboratory listed above is hereby certified for the following chemical analytes and methods:

Method EPA 353.2

Nitrate as N
Nitrate plus Nitrite as N

Method EPA 508

PCB as aroclors (Qualitative Screening)
Chlordane (tech.)(N.O.S.)
Endrin
gamma-BHC (Lindane, gamma Hexachlorocyclohexane)
Heptachlor
Heptachlor epoxide
Hexachlorobenzene
Hexachlorocyclopentadiene
Methoxychlor
Toxaphene (Chlorinated camphene)

Method EPA 515.3

2,4,5-T P (Silvex)
2,4-D
Dalapon
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)
Pentachlorophenol
Picloram

Method EPA 525.2

Alachlor
Atrazine
Benzo(a)pyrene
bis(2-Ethylhexyl)adipate (di(2-ethylhexyl)adipate)
bis(2-Ethylhexyl)phthalate (di(2-ethylhexyl) phthalate, DEHP)
Simazine

Method EPA 537.1

Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)
Perfluorobutane sulfonic acid (PFBS)
Perfluorohexane sulfonic acid (PFHxS)
Perfluorononanoic acid (PFNA)
Perfluorooctane sulfonic acid (PFOS)
Perfluorooctanoic acid (PFOA)

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Certification Program Manager

US EPA Region 7 Laboratory Certification Program

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Method EPA 533

Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)
Perfluorobutane sulfonic acid (PFBS)
Perfluorohexane sulfonic acid (PFHxS)
Perfluorononanoic acid (PFNA)
Perfluorooctane sulfonic acid (PFOS)
Perfluorooctanoic acid (PFOA)

Method EPA 524.2 Rev 4.1

1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,1-Dichloroethylene
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene (o-Dichlorobenzene)
1,2-Dichloroethane (Ethylene dichloride)
1,2-Dichloropropane
1,4-Dichlorobenzene (p-Dichlorobenzene)
Benzene
Bromodichloromethane
Bromoform
Carbon tetrachloride
Chlorobenzene (Monochlorobenzene)
Chlorodibromomethane
Chloroform
cis-1,2-Dichloroethylene
Ethylbenzene
Methylene chloride (Dichloromethane)
Styrene
Tetrachloroethylene (Perchloroethylene)
Toluene
Total trihalomethanes
trans-1,2-Dichloroethylene
Trichloroethene (Trichloroethylene)
Vinyl chloride
Xylene (total)

Method EPA 547

Glyphosate

Method EPA 549.2

Diquat

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Method EPA 552.3

Bromoacetic acid
Chloroacetic acid
Dibromoacetic acid
Dichloroacetic acid
Total haloacetic acids
Trichloroacetic acid

Method SM 4500-H+ B-2011

pH

Method SM 4500-NO₂⁻ B-2011

Nitrite as N

End of List

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Certification Program Manager