

STATE OF KANSAS
DEPARTMENT OF HEALTH AND ENVIRONMENT
CERTIFICATE



This is to certify that Certificate No. E-10233

Underwriters Laboratories, LLC
110 South Hill Street
South Bend, IN 46617

has been accredited in accordance with K.S.A. 65-1-1,109a under the standards adopted in K.A.R. 28-15-36 for performing environmental analyses for the parameters listed on the attached form. Continuous accreditation depends on successful, ongoing participation in the program. Clients are urged to verify with this agency the laboratory's certification status for particular methods and analytes.

EFFECTIVE DATE: 01/01/2012

EXPIRATION DATE: 10/31/2012

Secretary
Department of Health and Environment

Environmental Laboratory Certification Officers

This certificate supersedes all previous certificates

Underwriters Laboratories, LLC
110 South Hill Street
South Bend, IN 46617

Certificate Number: E-10233
Effective Date: 01/01/2012
Expiration Date: 10/31/2012
Reciprocity: FL

The laboratory listed above is hereby approved for environmental laboratory accreditation in accordance with K.S.A. 65-1, 109a for the following:

****DEMANDS**

Dissolved Organic Carbon {SM 5310 C}
Total Organic Carbon {SM 5310 C}

****HALOACETIC ACIDS**

{EPA 552.2} Dibromoacetic Acid
{EPA 552.2} Dichloroacetic Acid
{EPA 552.2} Monobromoacetic Acid
{EPA 552.2} Monochloroacetic Acid
{EPA 552.2} Trichloroacetic Acid

****METALS**

Aluminum {EPA 200.7}
Aluminum {EPA 200.8}
Antimony {EPA 200.8}
Arsenic {EPA 200.8}
Barium {EPA 200.8}
Beryllium {EPA 200.8}
Cadmium {EPA 200.8}
Calcium {EPA 200.7}
Chromium {EPA 200.8}
Copper {EPA 200.8}
Iron {EPA 200.7}
Lead {EPA 200.8}
Magnesium {EPA 200.7}
Manganese {EPA 200.7}
Manganese {EPA 200.8}
Mercury {EPA 245.1}
Nickel {EPA 200.8}
Selenium {EPA 200.8}
Silica {EPA 200.7}
Silver {EPA 200.7}
Silver {EPA 200.8}
Sodium {EPA 200.7}
Thallium {EPA 200.8}
Zinc {EPA 200.8}

****MICROBIOLOGY - ESWTR2**

E. Coli {Colilert System}
E. Coli {SM 9223 B}

****MICROBIOLOGY - Filtration**

Heterotrophic Plate Count {SimPlate}
Heterotrophic Plate Count {SM 9215 B}
Total Coliforms {SM 9223 B}

****MICROBIOLOGY - GWR**

E. Coli {Colilert System}
E. Coli {Colisure}

****MICROBIOLOGY - TCR**

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Total Coliform & E. Coli {Colilert System}
Total Coliform & E. Coli {Colisure}

****MINERALS**

Alkalinity {SM 2320 B}
Bromide {EPA 300.0}
Chloride {EPA 300.0}
Fluoride {EPA 300.0}
Fluoride {SM 4500-F C}
Hardness {EPA 200.7}
Hardness {SM 2340 B}
Sulfate {EPA 300.0}

****MISCELLANEOUS**

Bromate {EPA 300.1}
Bromate {EPA 317}
Chlorine - Free {SM 4500-Cl G}
Chlorine - Total {SM 4500-Cl G}
Chlorite {EPA 300.0}
Color {SM 2120 B}
Conductivity {SM 2510 B}
Cyanide {EPA 335.4}
Hydrogen Ion (pH) {EPA 150.1}
Ortho-phosphate {SM (20th) 4500-P E}
Turbidity {EPA 180.1}
UV254 {SM 5910 B}

****NUTRIENTS**

Nitrate {EPA 300.0}
Nitrate {EPA 353.2}
Nitrite {EPA 353.2}

****ORGANIC CHEMISTRY ADIPATE/PHTALATE**

{EPA 525.2} Di(2-ethylhexyl)adipate
{EPA 525.2} Di(2-ethylhexyl)phthalate

****ORGANIC CHEMISTRY CARBAMATES**

{EPA 531.1} Carbofuran (Furaden)
{EPA 531.1} Oxamyl

****ORGANIC CHEMISTRY DBCP/EDB**

{EPA 504.1} Dibromochloropropane (DBCP)
{EPA 504.1} Ethylene dibromide (EDB, 1,2-Dibromoethane)

****ORGANIC CHEMISTRY HERBICIDES**

{EPA 515.3} 2,4-D
{EPA 515.3} 2,4,5-TP (Silvex)
{EPA 515.3} Dalapon
{EPA 515.3} Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)
{EPA 515.3} Pentachlorophenol
{EPA 515.3} Picloram
{EPA 525.2} Alachlor
{EPA 525.2} Atrazine
{EPA 547} Glyphosate
{EPA 548.1} Endothall
{EPA 549.2} Diquat

****ORGANIC CHEMISTRY PCB's**

{EPA 505} PCBs (as Aroclors)

****ORGANIC CHEMISTRY PESTICIDES**

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{EPA 505} Chlordane
{EPA 505} Toxaphene
{EPA 525.2} Endrin
{EPA 525.2} gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
{EPA 525.2} Heptachlor
{EPA 525.2} Heptachlor epoxide
{EPA 525.2} Hexachlorobenzene
{EPA 525.2} Hexachlorocyclopentadiene
{EPA 525.2} Methoxychlor
{EPA 525.2} Simazine

****ORGANIC CHEMISTRY P.A.Hs**

{EPA 525.2} Benzo(a)pyrene

****ORGANIC CHEMISTRY VOLATILES**

{EPA 524.2} 1,1-Dichloroethene
{EPA 524.2} 1,1,1-Trichloroethane
{EPA 524.2} 1,1,2-Trichloroethane
{EPA 524.2} 1,2-Dichlorobenzene
{EPA 524.2} 1,2-Dichloroethane
{EPA 524.2} 1,2-Dichloropropane
{EPA 524.2} 1,2,4-Trichlorobenzene
{EPA 524.2} 1,4-Dichlorobenzene
{EPA 524.2} Benzene
{EPA 524.2} Carbon tetrachloride
{EPA 524.2} Chlorobenzene
{EPA 524.2} cis-Dichloroethylene
{EPA 524.2} Dichloromethane (Methylene chloride)
{EPA 524.2} Ethylbenzene
{EPA 524.2} Styrene
{EPA 524.2} Tetrachloroethene (Perchloroethylene)
{EPA 524.2} Toluene
{EPA 524.2} trans-Dichloroethylene
{EPA 524.2} Trichloroethene (Trichloroethylene)
{EPA 524.2} Vinyl chloride
{EPA 524.2} Xylenes (total)

****ORGANIC CHEMISTRY (MEASUREMENT BY GC/MS)**

{EPA 1613} 2,3,7,8-Tetrachlorodibenzo-p-dioxin

****RADIOCHEMISTRY**

Gross alpha and beta {SM 7110 B}
Gross alpha {SM 7110 C}
Radium - 226 {SM 7500-Ra B}
Radium - 228 {SM 7500-Ra D}
Tritium {EPA 906.0}
Uranium {EPA 200.8}

****RESIDUES**

Residue, Filterable (TDS) {SM 2540 C}

****TRIHALOMETHANES**

{EPA 524.2} Bromodichloromethane
{EPA 524.2} Bromoform
{EPA 524.2} Chloroform
{EPA 524.2} Dibromochloromethane
{EPA 551.1} Bromodichloromethane
{EPA 551.1} Bromoform
{EPA 551.1} Chloroform
{EPA 551.1} Dibromochloromethane

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**UNREGULATED ORGANIC COMPOUNDS
{EPA 525.2} Metolachlor

End of Parameter List

