

The State of
Department



Washington
of Ecology

Microbac Laboratories, Inc. - Ohio Valley Division
Marietta, OH

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation. This certificate is effective May 6, 2011 and shall expire May 5, 2012.

Witnessed under my hand on May 6, 2011

Alan D. Rue
Lab Accreditation Unit Supervisor

Laboratory ID
C802

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Microbac Laboratories, Inc. - Ohio Valley Division

Marietta, OH

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. Accreditation for U.S. Environmental Protection Agency (EPA) "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846) is for the latest version of the method. SM refers to EPA approved editions of "Standard Methods for the Examination of Water and Wastewater." ASTM is the American Society for Testing and Materials. Other references are described in notes.

Matrix/Analyte	Method	Notes
Non-Potable Water		
Chloride	EPA 300.0	1
Fluoride	EPA 300.0	1
Nitrate	EPA 300.0	1
Nitrate-nitrite	EPA 300.0	1
Nitrite	EPA 300.0	1
Sulfate	EPA 300.0	1
Solid and Chemical Materials		
Bromide	EPA 9056	1
Chloride	EPA 9056	1
Chromium VI	EPA 7196	1
Fluoride	EPA 9056	1
Nitrate	EPA 9056	1
Nitrite	EPA 9056	1
Sulfate	EPA 9056	1
Sulfide	EPA 9030	1
Sulfide	EPA 9034	1
Total cyanide	EPA 9010	1
Total cyanide	EPA 9014	1
Total Organic Carbon	Lloyd Kahn	1
Total phenolics	EPA 420.1	1
Aluminum	EPA 6010	1

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Matrix/Analyte	Method	Notes
Antimony	EPA 6010	1
Antimony	EPA 6020	1
Arsenic	EPA 6010	1
Arsenic	EPA 6020	1
Barium	EPA 6010	1
Barium	EPA 6020	1
Beryllium	EPA 6010	1
Cadmium	EPA 6010	1
Cadmium	EPA 6020	1
Calcium	EPA 6010	1
Chromium	EPA 6010	1
Chromium	EPA 6020	1
Cobalt	EPA 6010	1
Cobalt	EPA 6020	1
Copper	EPA 6010	1
Copper	EPA 6020	1
Iron	EPA 6010	1
Lead	EPA 6010	1
Lead	EPA 6020	1
Magnesium	EPA 6010	1
Manganese	EPA 6010	1
Manganese	EPA 6020	1
Mercury, Liquid Waste	EPA 7470	1
Mercury, Solid Waste	EPA 7471	1
Molybdenum	EPA 6010	1
Nickel	EPA 6010	1
Nickel	EPA 6020	1
Potassium	EPA 6010	1
Selenium	EPA 6010	1
Selenium	EPA 6020	1
Silver	EPA 6010	1
Silver	EPA 6020	1
Sodium	EPA 6010	1
Thallium	EPA 6010	1
Thallium	EPA 6020	1
Vanadium	EPA 6010	1

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Matrix/Analyte	Method	Notes
Vanadium	EPA 6020	1
Zinc	EPA 6010	1
Zinc	EPA 6020	1
Chlorinated Herbicides	EPA 8151	1
EDB & DBCP	EPA 8011	1,2
Nitroaromatics & Nitramines	EPA 8330	1
Organochlorine Pesticides	EPA 8081	1
Polychlorinated Biphenyls	EPA 8082	1
Total Pet Hydrocarbons - Diesel	EPA 8015 Mod	1
Total Pet Hydrocarbons - Gasoline	EPA 8015 Mod	1
BNA Extr (Semivolatile) Organics	EPA 8270	1
Polycyclic Aromatic HC	EPA 8270	1
Volatile Organic Compounds	EPA 8260	1

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of A2LA accreditation. (2) Limited to water.



5/6/2011

Authentication Signature

Date

Alan D. Rue, Lab Accreditation Unit Supervisor