

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Mukang Labs, Inc.

Pasco, WA

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
Drinking Water		
Alkalinity	SM 2320 B-97	
Hardness (calc.)	SM 2340 B-97	
Specific Conductance	SM 2510 B-97	
Solids, Total Dissolved	SM 2540 C-97	
Chloride	SM 4500-Cl B-00	
Nitrate	SM 4500-NO ₃ ⁻ D-00	
Orthophosphate	SM 4500-P E-99	
Sulfate	SM 4500-SO ₄ E-97	
Antimony	EPA 200.5_4.2_2003	
Arsenic	EPA 200.5_4.2_2003	
Lead	EPA 200.5_4.2_2003	
Selenium	EPA 200.5_4.2_2003	
Barium	EPA 200.7_4.4_1994	
Beryllium	EPA 200.7_4.4_1994	
Cadmium	EPA 200.7_4.4_1994	
Calcium	EPA 200.7_4.4_1994	
Chromium	EPA 200.7_4.4_1994	
Copper	EPA 200.7_4.4_1994	
Iron	EPA 200.7_4.4_1994	
Magnesium	EPA 200.7_4.4_1994	
Manganese	EPA 200.7_4.4_1994	
Nickel	EPA 200.7_4.4_1994	

Matrix/Analyte	Method	Notes
Potassium	EPA 200.7_4.4_1994	
Silver	EPA 200.7_4.4_1994	
Sodium	EPA 200.7_4.4_1994	
Zinc	EPA 200.7_4.4_1994	
Barium	SM 3120 B-99	
Beryllium	SM 3120 B-99	
Cadmium	SM 3120 B-99	
Calcium	SM 3120 B-99	
Chromium	SM 3120 B-99	
Copper	SM 3120 B-99	
Iron	SM 3120 B-99	
Magnesium	SM 3120 B-99	
Manganese	SM 3120 B-99	
Nickel	SM 3120 B-99	
Silver	SM 3120 B-99	
Sodium	SM 3120 B-99	
Zinc	SM 3120 B-99	
Total Coli/Ecoli - detect	SM 9223 B Colilert	
Non-Potable Water		
Solids, Total Volatile	EPA 160.4_1971	
Alkalinity	SM 2320 B-97	
Solids, Total	SM 2540 B-97	
Solids, Total Dissolved	SM 2540 C-97	
Solids, Total Suspended	SM 2540 D-97	
Chloride	SM 4500-CI B-00	
Ammonia	SM 4500-NH3 F-97	
Nitrite	SM 4500-NO ₂ ⁻ B-00	
Nitrate	SM 4500-NO ₃ ⁻ D-00	
Nitrogen, Total Kjeldahl	SM 4500-Norg C-97	
Orthophosphate	SM 4500-P E-99	
Phosphorus, total	SM 4500-P E-99	
Sulfate	SM 4500-SO ₄ E-97	
Biochemical Oxygen Demand (BOD)	SM 5210 B-01	
Chemical Oxygen Demand (COD)	SM 5220 D-97	
Antimony	EPA 200.7_4.4_1994	

Matrix/Analyte	Method	Notes
Arsenic	EPA 200.7_4.4_1994	
Barium	EPA 200.7_4.4_1994	
Beryllium	EPA 200.7_4.4_1994	
Boron	EPA 200.7_4.4_1994	
Cadmium	EPA 200.7_4.4_1994	
Calcium	EPA 200.7_4.4_1994	
Chromium	EPA 200.7_4.4_1994	
Cobalt	EPA 200.7_4.4_1994	
Copper	EPA 200.7_4.4_1994	
Iron	EPA 200.7_4.4_1994	
Lead	EPA 200.7_4.4_1994	
Lithium	EPA 200.7_4.4_1994	
Magnesium	EPA 200.7_4.4_1994	
Manganese	EPA 200.7_4.4_1994	
Molybdenum	EPA 200.7_4.4_1994	
Nickel	EPA 200.7_4.4_1994	
Phosphorus, total	EPA 200.7_4.4_1994	
Potassium	EPA 200.7_4.4_1994	
Selenium	EPA 200.7_4.4_1994	
Silver	EPA 200.7_4.4_1994	
Sodium	EPA 200.7_4.4_1994	
Zinc	EPA 200.7_4.4_1994	
Fecal coliform-count	SM 9222 D (m-FC)-97	

Accredited Parameter Note Detail



07/03/2012

Authentication Signature
Alan D. Rue, Lab Accreditation Unit Supervisor

Date