



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Brooks Applied Labs, LLC
18804 North Creek Parkway, Suite 100
Bothell, WA 98011

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

and DoD Quality Systems Manual for Environmental Laboratories (DoD QSM V 5.1)

while demonstrating technical competence in the fields of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

ADE-1447
Certificate Number


ANAB Approval

Certificate Valid: 08/01/2018-03/30/2020
Version No. 005 Issued: 08/01/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



ANSI-ASQ National Accreditation Board

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND DOD
QUALITY SYSTEMS MANUAL FOR ENVIRONMENTAL
LABORATORIES (DOD QSM V5.1)**

Brooks Applied Labs, LLC
18804 North Creek Parkway, Suite 100
Bothell, WA 98011
Frank McFarland
206-632-6206

TESTING

Valid to: **March 30, 2020**

Certificate Number: **ADE-1447**

Environmental

Non-Potable Water		
Technology	Method	Analyte
ICP-MS	BAL-5000	Aluminum
ICP-MS	BAL-5000	Arsenic
ICP-MS	BAL-5000	Antimony
ICP-MS	BAL-5000	Barium
ICP-MS	BAL-5000	Calcium
ICP-MS	BAL-5000	Cadmium
ICP-MS	BAL-5000	Copper
ICP-MS	BAL-5000	Chromium
ICP-MS	BAL-5000	Iron
ICP-MS	BAL-5000	Lead
ICP-MS	BAL-5000	Magnesium
ICP-MS	BAL-5000	Manganese
ICP-MS	BAL-5000	Nickel
ICP-MS	BAL-5000	Selenium
ICP-MS	BAL-5000	Silver
ICP-MS	BAL-5000	Tungsten
ICP-MS	BAL-5000	Vanadium
ICP-MS	BAL-5000	Zinc
ICP-MS	EPA 1638 mod	Aluminum



Non-Potable Water		
Technology	Method	Analyte
ICP-MS	EPA 1638 mod	Arsenic
ICP-MS	EPA 1638 mod	Antimony
ICP-MS	EPA 1638 mod	Barium
ICP-MS	EPA 1638 mod	Calcium
ICP-MS	EPA 1638 mod	Cadmium
ICP-MS	EPA 1638 mod	Copper
ICP-MS	EPA 1638 mod	Chromium
ICP-MS	EPA 1638 mod	Iron
ICP-MS	EPA 1638 mod	Lead
ICP-MS	EPA 1638 mod	Magnesium
ICP-MS	EPA 1638 mod	Manganese
ICP-MS	EPA 1638 mod	Nickel
ICP-MS	EPA 1638 mod	Selenium
ICP-MS	EPA 1638 mod	Silver
ICP-MS	EPA 1638 mod	Tungsten
ICP-MS	EPA 1638 mod	Vanadium
ICP-MS	EPA 1638 mod	Zinc
ICP-MS	EPA 200.8 mod	Aluminum
ICP-MS	EPA 200.8 mod	Arsenic
ICP-MS	EPA 200.8 mod	Antimony
ICP-MS	EPA 200.8 mod	Barium
ICP-MS	EPA 200.8 mod	Calcium
ICP-MS	EPA 200.8 mod	Cadmium
ICP-MS	EPA 200.8 mod	Copper
ICP-MS	EPA 200.8 mod	Chromium
ICP-MS	EPA 200.8 mod	Iron
ICP-MS	EPA 200.8 mod	Lead
ICP-MS	EPA 200.8 mod	Magnesium
ICP-MS	EPA 200.8 mod	Manganese
ICP-MS	EPA 200.8 mod	Nickel
ICP-MS	EPA 200.8 mod	Selenium
ICP-MS	EPA 200.8 mod	Silver
ICP-MS	EPA 200.8 mod	Tungsten
ICP-MS	EPA 200.8 mod	Vanadium
ICP-MS	EPA 200.8 mod	Zinc
ICP-MS	EPA 6020 mod	Aluminum



Non-Potable Water		
Technology	Method	Analyte
ICP-MS	EPA 6020 mod	Arsenic
ICP-MS	EPA 6020 mod	Antimony
ICP-MS	EPA 6020 mod	Barium
ICP-MS	EPA 6020 mod	Calcium
ICP-MS	EPA 6020 mod	Cadmium
ICP-MS	EPA 6020 mod	Copper
ICP-MS	EPA 6020 mod	Chromium
ICP-MS	EPA 6020 mod	Iron
ICP-MS	EPA 6020 mod	Lead
ICP-MS	EPA 6020 mod	Magnesium
ICP-MS	EPA 6020 mod	Manganese
ICP-MS	EPA 6020 mod	Nickel
ICP-MS	EPA 6020 mod	Selenium
ICP-MS	EPA 6020 mod	Silver
ICP-MS	EPA 6020 mod	Tungsten
ICP-MS	EPA 6020 mod	Vanadium
ICP-MS	EPA 6020 mod	Zinc
HGAAS	EPA 1632A	Inorganic Arsenic
HGAAS	EPA 1632A	Trivalent Arsenic
HGAAS	BAL-3300	Inorganic Arsenic
HGAAS	BAL-3300	Trivalent Arsenic
Difference	EPA 1632A	Pentavalent Arsenic
Difference	BAL-3300	Pentavalent Arsenic
CVAFS	EPA 1631E	Low-Level Mercury
CVAFS	BAL-3100	Low-Level Mercury
CVAFS	EPA 1630	Methyl Mercury
CVAFS	BAL-3200	Methyl Mercury
By Calculation	SM 2340 B (20 th Ed.)	Hardness
Gravimetric	SM 2540 D (20 th Ed.)	Total Suspended Solids
Gravimetric	EPA 160.2	Total Suspended Solids

Solid and Chemical Materials		
Technology	Method	Analyte
ICP-MS	BAL-5000	Arsenic
ICP-MS	BAL-5000	Cadmium



Solid and Chemical Materials		
Technology	Method	Analyte
ICP-MS	BAL-5000	Copper
ICP-MS	BAL-5000	Chromium
ICP-MS	BAL-5000	Lead
ICP-MS	BAL-5000	Nickel
ICP-MS	BAL-5000	Selenium
ICP-MS	BAL-5000	Silver
ICP-MS	BAL-5000	Zinc
ICP-MS	EPA 1638 mod	Arsenic
ICP-MS	EPA 1638 mod	Cadmium
ICP-MS	EPA 1638 mod	Copper
ICP-MS	EPA 1638 mod	Chromium
ICP-MS	EPA 1638 mod	Lead
ICP-MS	EPA 1638 mod	Nickel
ICP-MS	EPA 1638 mod	Selenium
ICP-MS	EPA 1638 mod	Silver
ICP-MS	EPA 1638 mod	Zinc
ICP-MS	EPA 200.8 mod	Arsenic
ICP-MS	EPA 200.8 mod	Cadmium
ICP-MS	EPA 200.8 mod	Copper
ICP-MS	EPA 200.8 mod	Chromium
ICP-MS	EPA 200.8 mod	Lead
ICP-MS	EPA 200.8 mod	Nickel
ICP-MS	EPA 200.8 mod	Selenium
ICP-MS	EPA 200.8 mod	Silver
ICP-MS	EPA 200.8 mod	Zinc
ICP-MS	EPA 6020 mod	Arsenic
ICP-MS	EPA 6020 mod	Cadmium
ICP-MS	EPA 6020 mod	Copper
ICP-MS	EPA 6020 mod	Chromium
ICP-MS	EPA 6020 mod	Lead
ICP-MS	EPA 6020 mod	Nickel
ICP-MS	EPA 6020 mod	Selenium
ICP-MS	EPA 6020 mod	Silver
ICP-MS	EPA 6020 mod	Zinc
CVAFS	EPA 1631E (appendix)	Low-Level Mercury
CVAFS	BAL-3101	Low-Level Mercury

Solid and Chemical Materials		
Technology	Method	Analyte
Gravimetric	SM 2540 G (20 th Ed.)	Dry Weight
Gravimetric	EPA 160.3	Dry Weight

Biological Tissue		
Technology	Method	Analyte
ICP-MS	BAL-5000	Arsenic
ICP-MS	BAL-5000	Cadmium
ICP-MS	BAL-5000	Copper
ICP-MS	BAL-5000	Chromium
ICP-MS	BAL-5000	Lead
ICP-MS	BAL-5000	Nickel
ICP-MS	BAL-5000	Selenium
ICP-MS	BAL-5000	Silver
ICP-MS	BAL-5000	Zinc
ICP-MS	EPA 1638 mod	Arsenic
ICP-MS	EPA 1638 mod	Cadmium
ICP-MS	EPA 1638 mod	Copper
ICP-MS	EPA 1638 mod	Chromium
ICP-MS	EPA 1638 mod	Lead
ICP-MS	EPA 1638 mod	Nickel
ICP-MS	EPA 1638 mod	Selenium
ICP-MS	EPA 1638 mod	Silver
ICP-MS	EPA 1638 mod	Zinc
ICP-MS	EPA 200.8 mod	Arsenic
ICP-MS	EPA 200.8 mod	Cadmium
ICP-MS	EPA 200.8 mod	Copper
ICP-MS	EPA 200.8 mod	Chromium
ICP-MS	EPA 200.8 mod	Lead
ICP-MS	EPA 200.8 mod	Nickel
ICP-MS	EPA 200.8 mod	Selenium
ICP-MS	EPA 200.8 mod	Silver
ICP-MS	EPA 200.8 mod	Zinc
ICP-MS	EPA 6020 mod	Arsenic
ICP-MS	EPA 6020 mod	Cadmium

Biological Tissue		
Technology	Method	Analyte
ICP-MS	EPA 6020 mod	Copper
ICP-MS	EPA 6020 mod	Chromium
ICP-MS	EPA 6020 mod	Lead
ICP-MS	EPA 6020 mod	Nickel
ICP-MS	EPA 6020 mod	Selenium
ICP-MS	EPA 6020 mod	Silver
ICP-MS	EPA 6020 mod	Zinc
HGAAS	EPA 1632A	Inorganic Arsenic
HGAAS	EPA 1632A	Trivalent Arsenic
HGAAS	BAL-3300	Inorganic Arsenic
HGAAS	BAL-3300	Trivalent Arsenic
Difference	EPA 1632A	Pentavalent Arsenic
Difference	BAL-3300	Pentavalent Arsenic
CVAFS	EPA 1631E (appendix)	Low-Level Mercury
CVAFS	BAL-3101	Low-Level Mercury
CVAFS	BAL-3200	Methyl Mercury
CVAFS	EPA 1630 mod	Methyl Mercury
Gravimetric	SM 2540 G (20 th Ed.)	Dry Weight
Gravimetric	EPA 160.3	Dry Weight

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. ADE-1447



Vice President

