



OREGON

Environmental Laboratory Accreditation Program



Brooks Applied Labs, LLC
WA200006

NELAP Recognized

18804 North Creek Parkway, Ste. 100
Bothell, WA 98011

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
		Chemistry	Chemistry	Chemistry

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Lizbeth Garcia

Lizbeth Garcia, BS, MS
Oregon State Public Health Laboratory
ORELAP Assessor
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EFFECTIVE DATE : 04/6/2018

EXPIRATION DATE : 04/5/2019

Certificate No : WA200006 - 009



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Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: WA200006

EPA CODE: WA01212

Certificate: WA200006 - 009

Brooks Applied Labs, LLC

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Bothell, WA 98011

Issue Date: 4/6/2018 Expiration Date: 4/5/2019

As of 4/6/2018 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description
Biological Tissue	Brooks Applied SOP BAL-3200	705			Methyl Mercury by CVAFS
		1205	Methyl Mercury		
	Brooks Applied SOP BAL-5000	709			Determination of Trace Metals by ICP-MS
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		1175	Tin		
		1185	Vanadium		
		1190	Zinc		
	EPA 1631E	10237204			Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence
		1095	Mercury		
	EPA 1632A	10123407			Arsenic in Water by Gaseous Hydride Atomic Absorption
		1010	Arsenic		
		1012	Arsenite (As+3)		
		6138	Dimethylarsinic acid (DMA)		
		1207	Monomethylarsonic acid (MMA)		
	EPA 6020A 1	10156419			Inductively Coupled Plasma -Mass Spectrometry
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		



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Biological Tissue

EPA 6020A 1	1015	Barium
	1020	Beryllium
	1030	Cadmium
	1035	Calcium
	1040	Chromium
	1050	Cobalt
	1055	Copper
	1070	Iron
	1075	Lead
	1085	Magnesium
	1090	Manganese
	1100	Molybdenum
	1105	Nickel
	1140	Selenium
	1150	Silver
	1165	Thallium
	1185	Vanadium
	1190	Zinc

Non-Potable Water

Brooks Applied SOP BAL 4100	706	Arsenic speciation by IC-ICP-MS
	1013	Arsenate (As+5)
	1012	Arsenite (As+3)
	998	Dimethylarsinate
	999	Monomethylarsonate
Brooks Applied SOP BAL 4200	707	Selenium speciation by IC-ICP-MS
	1141	Selenium IV
	1142	Selenium VI
Brooks Applied SOP BAL 4300	708	Hexavalent Chromium by IC-ICP-MS
	1045	Chromium VI
Brooks Applied SOP BAL-5000	709	Determination of Trace Metals by ICP-MS
	1005	Antimony
	1010	Arsenic
	1020	Beryllium
	1025	Boron
	1030	Cadmium
	1040	Chromium
	1050	Cobalt
	1055	Copper
	1760	Hardness (calc.)
	1075	Lead
	1100	Molybdenum



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Non-Potable Water

Brooks Applied SOP BAL-5000	1105	Nickel	10122608	Methyl Mercury by Purge & Trap Cold Vapor Atomic Fluorescence Spectrometry
	1140	Selenium		
	1150	Silver		
	1160	Strontium		
	1165	Thallium		
	1175	Tin		
	1183	Tungsten		
	3035	Uranium		
	1185	Vanadium		
	1190	Zinc		
EPA 1630				
	1205	Methyl Mercury		
EPA 1631E			10237204	Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence
	1095	Mercury		
EPA 1632A			10123407	Arsenic in Water by Gaseous Hydride Atomic Absorption
	1010	Arsenic		
	1012	Arsenite (As+3)		
	6138	Dimethylarsinic acid (DMA)		
	1207	Monomethylarsonic acid (MMA)		
EPA 1638			10124002	Trace Elements by ICP/MS
	1005	Antimony		
	1030	Cadmium		
	1055	Copper		
	1075	Lead		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1190	Zinc		
EPA 1640			10124400	Trace Elements by Chelation Preconcentration and ICP/MS
	1010	Arsenic		
	1030	Cadmium		
	1055	Copper		
	1075	Lead		
	1105	Nickel		
	1150	Silver		
	1190	Zinc		



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Non-Potable Water

EPA 200.8 5.5

10014809

Metals by ICP-MS

- 1000 Aluminum
- 1005 Antimony
- 1010 Arsenic
- 1015 Barium
- 1020 Beryllium
- 1030 Cadmium
- 1040 Chromium
- 1050 Cobalt
- 1055 Copper
- 1075 Lead
- 1090 Manganese
- 1100 Molybdenum
- 1105 Nickel
- 1140 Selenium
- 1150 Silver
- 1165 Thallium
- 3035 Uranium
- 1185 Vanadium
- 1190 Zinc

EPA 6020A 1

10156419

Inductively Coupled Plasma -Mass Spectrometry

- 1000 Aluminum
- 1005 Antimony
- 1010 Arsenic
- 1015 Barium
- 1020 Beryllium
- 1030 Cadmium
- 1035 Calcium
- 1040 Chromium
- 1050 Cobalt
- 1055 Copper
- 1070 Iron
- 1075 Lead
- 1085 Magnesium
- 1090 Manganese
- 1100 Molybdenum
- 1105 Nickel
- 1140 Selenium
- 1150 Silver
- 1165 Thallium
- 3035 Uranium
- 1185 Vanadium



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Non-Potable Water

EPA 6020A 1 1190 Zinc

Solids

Brooks Applied SOP BAL-3200 705 Methyl Mercury by CVAFS
1205 Methyl Mercury

Brooks Applied SOP BAL-5000 709 Determination of Trace Metals by ICP-MS

- 1000 Aluminum
- 1005 Antimony
- 1010 Arsenic
- 1015 Barium
- 1020 Beryllium
- 1025 Boron
- 1030 Cadmium
- 1035 Calcium
- 1040 Chromium
- 1050 Cobalt
- 1055 Copper
- 1070 Iron
- 1075 Lead
- 1085 Magnesium
- 1090 Manganese
- 1100 Molybdenum
- 1105 Nickel
- 1140 Selenium
- 1150 Silver
- 1160 Strontium
- 1165 Thallium
- 1175 Tin
- 1185 Vanadium
- 1190 Zinc

EPA 1631E 10237204 Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence

1095 Mercury

EPA 6020A 1 10156419 Inductively Coupled Plasma -Mass Spectrometry

- 1000 Aluminum
- 1005 Antimony
- 1010 Arsenic
- 1015 Barium
- 1020 Beryllium



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Solids	EPA 6020A 1	1030	Cadmium
		1035	Calcium
		1040	Chromium
		1050	Cobalt
		1055	Copper
		1070	Iron
		1075	Lead
		1085	Magnesium
		1090	Manganese
		1100	Molybdenum
		1105	Nickel
		1140	Selenium
		1150	Silver
		1165	Thallium
		1185	Vanadium
	1190	Zinc	

