



OREGON

Environmental Laboratory Accreditation Program



NELAP Recognized

Brooks Applied Labs, LLC

WA200006

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.

Scott Hoatson
Oregon State Public Health Laboratory
Interim ORELAP Program Manager
3150 NW. 229th Ave, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 04/6/2017
EXPIRATION DATE : 04/5/2018
Certificate No : WA200006 - 008





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Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: WA200006

Brooks Applied Labs, LLC

EPA CODE: WA01212

18804 North Creek Parkway, Ste. 100

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Bothell, WA 98011

Issue Date: 4/6/2017 Expiration Date: 4/5/2018

As of 4/6/2017 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		10156408			Inductively Coupled Plasma-Mass Spectrometry
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		



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Biological Tissue

EPA 6020A	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
	1000	Aluminum
	1005	Antimony
	1010	Arsenic
	1015	Barium
	1020	Beryllium
	1023	Bismuth
	1025	Boron
	1030	Cadmium
	1035	Calcium
	1040	Chromium
	1050	Cobalt



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Non-Potable Water

Brooks Applied SOP BAL-5000	1055	Copper	10122608	Methyl Mercury by Purge & Trap Cold Vapor Atomic Fluorescence Spectrometry		
	1760	Hardness (calc.)				
	1070	Iron				
	1075	Lead				
	1080	Lithium				
	1085	Magnesium				
	1090	Manganese				
	1100	Molybdenum				
	1105	Nickel				
	1140	Selenium				
	1150	Silver				
	1160	Strontium				
	1165	Thallium				
	1175	Tin				
1183	Tungsten					
3035	Uranium	10237204	Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence			
1185	Vanadium					
1190	Zinc					
EPA 1630	1205			Methyl Mercury		
EPA 1631E	1095			Mercury		
	EPA 1632A			1010	Arsenic	10123407
	1012			Arsenite (As+3)		
	6138			Dimethylarsinic acid (DMA)		
	1207			Monomethylarsonic acid (MMA)		
EPA 1638	1005			Antimony	10124002	Trace Elements by ICP/MS
	1030			Cadmium		
	1055			Copper		
	1075			Lead		
	1105			Nickel		
	1140	Selenium				
	1150	Silver				
	1165	Thallium				
EPA 1640	1190	Zinc	10124400	Trace Elements by Chelation Preconcentration and ICP/MS		
	1010	Arsenic				



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EPA 1640	1030	Cadmium	
	1055	Copper	
	1075	Lead	
	1105	Nickel	
	1150	Silver	
	1190	Zinc	
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	10156408	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	



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Non-Potable Water

EPA 6020A	1105	Nickel
	1140	Selenium
	1150	Silver
	1165	Thallium
	3035	Uranium
	1185	Vanadium
	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
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	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	10156408	Inductively Coupled Plasma-Mass Spectrometry
	1000	Aluminum
	1005	Antimony

Solids

EPA 6020A

- 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
- 1185 Vanadium
- 1190 Zinc

