

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8C9
 Preparation Blank Matrix : Soil
 Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg): mg/kg
 Analytical Method: ICP-MS Preparation Batch: PB166302
 Run Batch: LB134612 Preparation Method: 200.8

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB001	Q	ID: CCB001	Q	ID: CCB002	Q	ID: CCB003	Q	ID: PBS302	Q
Antimony	2.0	U	2.0	U	0.14	J	0.14	J	1.0	U
Arsenic	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Barium	10.0	U	10.0	U	10.0	U	10.0	U	5.0	U
Beryllium	1.0	U	0.08	J	0.15	J	0.15	J	0.5	U
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Chromium	-0.14	J	-0.16	J	-0.15	J	2.0	U	-0.09	J
Cobalt	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Copper	2.0	U	2.0	U	2.0	U	2.0	U	1.0	U
Lead	1.0	U	1.0	U	0.29	J	0.26	J	0.5	U
Manganese	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Molybdenum	10.0	U	10.0	U	0.26	J	0.26	J	2.0	U
Nickel	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Selenium	5.0	U	5.0	U	5.0	U	5.0	U	2.5	U
Silver	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Strontium	2.0	U	2.0	U	2.0	U	2.0	U	96.0	U
Thallium	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	2.5	U
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	2.5	U

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Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB134612 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB004	Q	ID: CCB005	Q	ID: CCB006	Q	ID:	Q
Antimony			2.0	U	0.14	J	2.0	U		
Arsenic			1.0	U	1.0	U	1.0	U		
Barium			10.0	U	10.0	U	10.0	U		
Beryllium			1.0	U	0.2	J	0.27	J		
Cadmium			1.0	U	1.0	U	1.0	U		
Chromium			2.0	U	0.1	J	0.15	J		
Cobalt			1.0	U	1.0	U	1.0	U		
Copper			2.0	U	2.0	U	2.0	U		
Lead			1.0	U	0.28	J	0.23	J		
Manganese			1.0	U	1.0	U	1.0	U		
Molybdenum			10.0	U	0.26	J	10.0	U		
Nickel			0.25	J	0.34	J	0.4	J		
Selenium			5.0	U	5.0	U	5.0	U		
Silver			1.0	U	1.0	U	1.0	U		
Strontium			2.0	U	2.0	U	2.0	U		
Thallium			1.0	U	1.0	U	1.0	U		
Vanadium			5.0	U	5.0	U	5.0	U		
Zinc			5.0	U	5.0	U	5.0	U		

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Analytical Method: ICP-MS Preparation Batch:
Run Batch: LB134612 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB007	Q	ID: CCB008	Q	ID:	Q	ID:	Q
Antimony			2.0	U	0.15	J				
Arsenic			1.0	U	1.0	U				
Barium			10.0	U	10.0	U				
Beryllium			0.21	J	0.21	J				
Cadmium			1.0	U	1.0	U				
Chromium			2.0	U	-0.2	J				
Cobalt			1.0	U	1.0	U				
Copper			2.0	U	2.0	U				
Lead			1.0	U	0.29	J				
Manganese			1.0	U	1.0	U				
Molybdenum			10.0	U	0.25	J				
Nickel			0.42	J	0.27	J				
Selenium			5.0	U	5.0	U				
Silver			1.0	U	1.0	U				
Strontium			2.0	U	2.0	U				
Thallium			1.0	U	1.0	U				
Vanadium			5.0	U	5.0	U				
Zinc			5.0	U	5.0	U				

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Preparation Blank Matrix : _____	
Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): _____	
Analytical Method: ICP-MS	Preparation Batch: _____
Run Batch: LB134674	Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB005	Q	ID: CCB021	Q	ID: CCB022	Q	ID:	Q	ID:	Q
Antimony	2.0	U	0.11	J	0.1	J				
Arsenic	1.0	U	1.0	U	1.0	U				
Barium	10.0	U	10.0	U	10.0	U				
Beryllium	1.0	U	0.12	J	0.09	J				
Cadmium	1.0	U	1.0	U	1.0	U				
Chromium	2.0	U	2.0	U	2.0	U				
Cobalt	1.0	U	1.0	U	1.0	U				
Copper	2.0	U	2.0	U	2.0	U				
Lead	1.0	U	1.0	U	1.0	U				
Manganese	1.0	U	1.0	U	1.0	U				
Molybdenum	10.0	U	10.0	U	10.0	U				
Nickel	1.0	U	1.0	U	0.21	J				
Selenium	5.0	U	5.0	U	5.0	U				
Silver	1.0	U	1.0	U	1.0	U				
Strontium	2.0	U	2.0	U	2.0	U				
Thallium	1.0	U	1.0	U	1.0	U				
Vanadium	5.0	U	5.0	U	5.0	U				
Zinc	5.0	U	5.0	U	5.0	U				

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Analytical Method: ICP-MS Preparation Batch:
Run Batch: LB134694 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB006	Q	ID: CCB025	Q	ID: CCB026	Q	ID:	Q	ID:	Q
Antimony	2.0	U	0.12	J	2.0	U				
Arsenic	1.0	U	1.0	U	1.0	U				
Barium	10.0	U	10.0	U	10.0	U				
Beryllium	1.0	U	1.0	U	1.0	U				
Cadmium	1.0	U	1.0	U	1.0	U				
Chromium	2.0	U	2.0	U	2.0	U				
Cobalt	1.0	U	1.0	U	1.0	U				
Copper	2.0	U	2.0	U	2.0	U				
Lead	1.0	U	0.22	J	1.0	U				
Manganese	1.0	U	1.0	U	1.0	U				
Molybdenum	0.35	J	10.0	U	10.0	U				
Nickel	-0.43	J	-0.45	J	-0.51	J				
Selenium	5.0	U	5.0	U	5.0	U				
Silver	1.0	U	1.0	U	1.0	U				
Strontium	2.0	U	2.0	U	2.0	U				
Thallium	1.0	U	1.0	U	1.0	U				
Vanadium	5.0	U	5.0	U	5.0	U				
Zinc	5.0	U	5.0	U	5.0	U				