

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GX0
 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: PB166280
 Run Batch: LB134543 Preparation Method: 200.8

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB002	Q	ID: CCB011	Q	ID: CCB012	Q	ID:	Q	ID: PBS280	Q
Antimony	2.0	U	2.0	U	2.0	U			1.0	U
Arsenic	1.0	U	1.0	U	1.0	U			0.5	U
Barium	10.0	U	10.0	U	10.0	U			5.0	U
Beryllium	1.0	U	0.14	J	1.0	U			0.5	U
Cadmium	1.0	U	1.0	U	1.0	U			0.5	U
Chromium	2.0	U	2.0	U	2.0	U			1.0	U
Cobalt	1.0	U	1.0	U	1.0	U			0.5	U
Copper	2.0	U	2.0	U	2.0	U			1.0	U
Lead	1.0	U	1.0	U	1.0	U			0.5	U
Manganese	1.0	U	1.0	U	1.0	U			0.5	U
Nickel	1.0	U	1.0	U	1.0	U			0.5	U
Selenium	5.0	U	5.0	U	5.0	U			2.5	U
Silver	1.0	U	1.0	U	1.0	U			0.5	U
Thallium	1.0	U	1.0	U	1.0	U			0.5	U
Vanadium	5.0	U	5.0	U	5.0	U			2.5	U
Zinc	5.0	U	5.0	U	5.0	U			2.5	U

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Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg):
Analytical Method: ICP-MS Preparation Batch:
Run Batch: LB134589 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB003	Q	ID: CCB013	Q	ID: CCB014	Q	ID: CCB015	Q	ID:	Q
Antimony	2.0	U	2.0	U	0.13	J	0.13	J		
Arsenic	1.0	U	1.0	U	1.0	U	1.0	U		
Barium	10.0	U	10.0	U	0.39	J	10.0	U		
Beryllium	0.08	J	0.15	J	0.25	J	0.21	J		
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U		
Chromium	2.0	U	2.0	U	2.0	U	2.0	U		
Cobalt	1.0	U	1.0	U	1.0	U	1.0	U		
Copper	2.0	U	2.0	U	2.0	U	2.0	U		
Lead	1.0	U	1.0	U	0.25	J	1.0	U		
Manganese	-0.36	J	-0.45	J	0.38	J	1.0	U		
Nickel	1.0	U	0.38	J	0.63	J	0.28	J		
Selenium	5.0	U	5.0	U	5.0	U	5.0	U		
Silver	1.0	U	1.0	U	1.0	U	1.0	U		
Thallium	1.0	U	1.0	U	1.0	U	1.0	U		
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U		
Zinc	5.0	U	5.0	U	5.0	U	5.0	U		

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Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg):

Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB134589 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB016	Q	ID:	Q	ID:	Q	ID:	Q
Antimony			2.0	U						
Arsenic			1.0	U						
Barium			10.0	U						
Beryllium			0.14	J						
Cadmium			1.0	U						
Chromium			2.0	U						
Cobalt			1.0	U						
Copper			2.0	U						
Lead			1.0	U						
Manganese			1.0	U						
Nickel			0.24	J						
Selenium			5.0	U						
Silver			1.0	U						
Thallium			1.0	U						
Vanadium			5.0	U						
Zinc			5.0	U						

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Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg):

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: ICB001	Q	ID: CCB001	Q	ID: CCB002	Q	ID:	Q	ID:	Q
Antimony	2.0	U	2.0	U	0.14	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	0.08	J	0.15	J				
Cadmium	1.0	U	1.0	U	1.0	U				
Chromium	-0.14	J	-0.16	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	1.0	U	0.29	J				
Manganese	1.0	U	1.0	U	1.0	U				
Nickel	1.0	U	1.0	U	1.0	U				
Selenium	5.0	U	5.0	U	5.0	U				
Silver	1.0	U	1.0	U	1.0	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				