

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDBB4

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: LB133179 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB003	Q	ID: CCB018	Q	ID: CCB019	Q	ID: CCB020	Q	ID:	Q
Antimony	0.14	J	0.37	J	0.1	J	0.33	J		
Arsenic	1.0	U	1.0	U	1.0	U	1.0	U		
Barium	10.0	U	10.0	U	10.0	U	10.0	U		
Beryllium	1.0	U	1.0	U	1.0	U	1.0	U		
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	0.23	J	0.23	J	0.34	J		
Lead	1.0	U	0.22	J	1.0	U	0.27	J		
Nickel	1.0	U	1.0	U	1.0	U	1.0	U		
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	0.1	J	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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Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB021	Q	ID: CCB022	Q	ID: CCB023	Q	ID:	Q
Antimony			0.3	J	0.35	J	0.3	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	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			0.31	J	0.26	J	0.32	J		
Lead			0.19	J	0.24	J	0.19	J		
Nickel			1.0	U	1.0	U	1.0	U		
Selenium			5.0	U	5.0	U	5.0	U		
Silver			0.14	J	1.0	U	1.0	U		
Thallium			1.0	U	0.08	J	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: LB133179 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB024	Q	ID: CCB025	Q	ID: CCB026	Q	ID:	Q
Antimony			0.29	J	0.34	J	0.31	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	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			0.27	J	0.3	J	0.36	J		
Lead			0.19	J	0.2	J	0.18	J		
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		

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Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB133179 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB027	Q	ID: CCB028	Q	ID:	Q	ID:	Q
Antimony			0.36	J	0.3	J				
Arsenic			1.0	U	1.0	U				
Barium			10.0	U	10.0	U				
Beryllium			1.0	U	1.0	U				
Cadmium			1.0	U	1.0	U				
Chromium			2.0	U	2.0	U				
Cobalt			1.0	U	1.0	U				
Copper			0.51	J	0.36	J				
Lead			0.24	J	0.19	J				
Nickel			1.0	U	1.0	U				
Selenium			5.0	U	5.0	U				
Silver			1.0	U	1.0	U				
Thallium			0.09	J	1.0	U				
Vanadium			5.0	U	5.0	U				
Zinc			5.0	U	5.0	U				

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Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB133196 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB006	Q	ID: CCB029	Q	ID: CCB030	Q	ID: CCB031	Q	ID:	Q
Antimony	0.13	J	0.33	J	0.35	J	0.32	J		
Arsenic	1.0	U	1.0	U	1.0	U	1.0	U		
Barium	10.0	U	10.0	U	10.0	U	10.0	U		
Beryllium	1.0	U	1.0	U	1.0	U	1.0	U		
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	0.27	J	2.0	U	2.0	U		
Lead	1.0	U	0.21	J	0.15	J	1.0	U		
Nickel	1.0	U	1.0	U	1.0	U	1.0	U		
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	0.12	J	1.0	U	0.09	J		
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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Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB133196 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB032	Q	ID:	Q	ID:	Q	ID:	Q
Antimony			0.24	J						
Arsenic			1.0	U						
Barium			10.0	U						
Beryllium			1.0	U						
Cadmium			1.0	U						
Chromium			2.0	U						
Cobalt			1.0	U						
Copper			0.53	J						
Lead			0.23	J						
Nickel			1.0	U						
Selenium			5.0	U						
Silver			1.0	U						
Thallium			0.09	J						
Vanadium			0.04	J						
Zinc			5.0	U						

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 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: PB164277
 Run Batch: LB133210 Preparation Method: 200.8

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB007	Q	ID: CCB035	Q	ID: CCB036	Q	ID:	Q	ID: PBS277	Q
Antimony	2.0	U	0.35	J	0.28	J			0.04	J
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	1.0	U	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	0.26	J	0.29	J			1.0	U
Lead	1.0	U	0.19	J	0.16	J			0.05	J
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	0.08	J	0.08	J			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