

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Preparation Blank Matrix :

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

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134223 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB056	Q	ID: CCB138	Q	ID: CCB139	Q	ID: CCB140	Q	ID:	Q
Aluminum	200	U	38	J	200	U	-28	J		
Antimony	60.0	U	60.0	U	60.0	U	60.0	U		
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U		
Barium	200	U	200	U	200	U	200	U		
Beryllium	5.0	U	5.0	U	-0.41	J	5.0	U		
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U		
Calcium	5000	U	5000	U	5000	U	5000	U		
Chromium	10.0	U	-0.87	J	10.0	U	-0.86	J		
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U		
Copper	25.0	U	25.0	U	25.0	U	25.0	U		
Iron	100	U	-75	J	-29	J	-54	J		
Lead	-5.7	J	10.0	U	10.0	U	10.0	U		
Magnesium	5000	U	5000	U	5000	U	5000	U		
Manganese	5.1	J	8.7	J	-1.5	J	3.9	J		
Nickel	40.0	U	40.0	U	40.0	U	40.0	U		
Potassium	5000	U	5000	U	5000	U	670	J		
Selenium	35.0	U	35.0	U	35.0	U	35.0	U		
Silver	10.0	U	10.0	U	-1.7	J	-1.7	J		
Sodium	5000	U	5000	U	5000	U	5000	U		
Thallium	25.0	U	-12	J	25.0	U	25.0	U		
Vanadium	50.0	U	50.0	U	50.0	U	50.0	U		
Zinc	60.0	U	60.0	U	60.0	U	60.0	U		

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Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134223 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB141	Q	ID:	Q	ID:	Q	ID:	Q
Aluminum			200	U						
Antimony			60.0	U						
Arsenic			10.0	U						
Barium			200	U						
Beryllium			5.0	U						
Cadmium			5.0	U						
Calcium			5000	U						
Chromium			10.0	U						
Cobalt			50.0	U						
Copper			25.0	U						
Iron			100	U						
Lead			10.0	U						
Magnesium			5000	U						
Manganese			15.0	U						
Nickel			40.0	U						
Potassium			930	J						
Selenium			35.0	U						
Silver			-1.7	J						
Sodium			5000	U						
Thallium			25.0	U						
Vanadium			50.0	U						
Zinc			60.0	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-AES Preparation Batch:

Run Batch: LB134241 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB057	Q	ID: CCB144	Q	ID: CCB145	Q	ID: CCB146	Q	ID:	Q
Aluminum	200	U	200	U	200	U	200	U		
Antimony	60.0	U	60.0	U	60.0	U	60.0	U		
Arsenic	-5.1	J	10.0	U	10.0	U	10.0	U		
Barium	200	U	200	U	200	U	200	U		
Beryllium	5.0	U	5.0	U	5.0	U	5.0	U		
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U		
Calcium	5000	U	5000	U	5000	U	5000	U		
Chromium	0.9	J	10.0	U	1.5	J	1.5	J		
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U		
Copper	25.0	U	25.0	U	25.0	U	25.0	U		
Iron	100	U	100	U	85	J	100	U		
Lead	-3.3	J	10.0	U	10.0	U	10.0	U		
Magnesium	-150	J	5000	U	5000	U	5000	U		
Manganese	-4.2	J	-5.0	J	-2.2	J	-1.8	J		
Nickel	40.0	U	40.0	U	40.0	U	40.0	U		
Potassium	5000	U	1700	J	680	J	1500	J		
Selenium	35.0	U	35.0	U	35.0	U	35.0	U		
Silver	10.0	U	10.0	U	10.0	U	10.0	U		
Sodium	5000	U	1500	J	5000	U	5000	U		
Thallium	25.0	U	25.0	U	25.0	U	25.0	U		
Vanadium	50.0	U	50.0	U	50.0	U	50.0	U		
Zinc	60.0	U	60.0	U	60.0	U	60.0	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-AES Preparation Batch: PB165922
 Run Batch: LB134256 Preparation Method: 3050B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB058	Q	ID: CCB147	Q	ID: CCB148	Q	ID:	Q	ID: PBS922	Q
Aluminum	200	U	200	U	200	U			20.0	U
Antimony	60.0	U	60.0	U	60.0	U			6.0	U
Arsenic	10.0	U	10.0	U	10.0	U			1.0	U
Barium	200	U	200	U	200	U			20.0	U
Beryllium	5.0	U	5.0	U	5.0	U			0.5	U
Cadmium	5.0	U	5.0	U	5.0	U			0.5	U
Calcium	5000	U	5000	U	5000	U			500	U
Chromium	10.0	U	10.0	U	10.0	U			1.0	U
Cobalt	50.0	U	50.0	U	50.0	U			5.0	U
Copper	25.0	U	25.0	U	25.0	U			2.5	U
Iron	-34	J	100	U	100	U			10.0	U
Lead	10.0	U	10.0	U	10.0	U			1.0	U
Magnesium	5000	U	5000	U	5000	U			500	U
Manganese	15.0	U	15.0	U	-1.6	J			1.5	U
Nickel	40.0	U	40.0	U	40.0	U			4.0	U
Potassium	830	J	1800	J	1600	J			66	J
Selenium	35.0	U	35.0	U	35.0	U			3.5	U
Silver	10.0	U	10.0	U	10.0	U			1.0	U
Sodium	5000	U	5000	U	5000	U			500	U
Thallium	25.0	U	25.0	U	25.0	U			2.5	U
Vanadium	50.0	U	50.0	U	50.0	U			5.0	U
Zinc	60.0	U	60.0	U	60.0	U			6.0	U