

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN20
 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: PB165918
 Run Batch: LB134200 Preparation Method: 3050B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB055	Q	ID: CCB132	Q	ID: CCB133	Q	ID: CCB134	Q	ID: PBS918	Q
Aluminum	-34	J	82	J	200	U	27	J	20.0	U
Antimony	60.0	U	60.0	U	60.0	U	60.0	U	6.0	U
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	1.0	U
Barium	200	U	200	U	200	U	200	U	20.0	U
Beryllium	-0.57	J	5.0	U	-0.42	J	5.0	U	-0.05	J
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	0.5	U
Calcium	5000	U	5000	U	5000	U	5000	U	500	U
Chromium	1.1	J	10.0	U	10.0	U	2.3	J	0.092	J
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U	5.0	U
Copper	25.0	U	25.0	U	25.0	U	25.0	U	2.5	U
Iron	-25	J	100	U	23	J	100	U	10.0	U
Lead	10.0	U	10.0	U	3.4	J	9.0	J	0.32	J
Magnesium	5000	U	-210	J	5000	U	-230	J	500	U
Manganese	1.8	J	2.1	J	5.0	J	3.8	J	0.46	J
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	4.0	U
Potassium	5000	U	1300	J	5000	U	600	J	500	U
Selenium	35.0	U	35.0	U	35.0	U	9.5	J	3.5	U
Silver	1.7	J	10.0	U	-1.5	J	10.0	U	1.0	U
Sodium	5000	U	5000	U	5000	U	5000	U	500	U
Thallium	25.0	U	25.0	U	25.0	U	25.0	U	2.5	U
Vanadium	50.0	U	50.0	U	50.0	U	50.0	U	5.0	U
Zinc	60.0	U	60.0	U	60.0	U	60.0	U	6.0	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: LB134200 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB135	Q	ID: CCB136	Q	ID: CCB137	Q	ID:	Q
Aluminum			200	U	73	J	200	U		
Antimony			60.0	U	60.0	U	60.0	U		
Arsenic			10.0	U	10.0	U	10.0	U		
Barium			200	U	200	U	200	U		
Beryllium			-0.63	J	5.0	U	5.0	U		
Cadmium			5.0	U	5.0	U	5.0	U		
Calcium			5000	U	5000	U	5000	U		
Chromium			10.0	U	1.4	J	0.97	J		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			25.0	U	25.0	U	25.0	U		
Iron			64	J	61	J	100	U		
Lead			7.7	J	5.6	J	4.7	J		
Magnesium			-150	J	-180	J	5000	U		
Manganese			5.0	J	4.2	J	5.6	J		
Nickel			40.0	U	40.0	U	40.0	U		
Potassium			1300	J	570	J	1300	J		
Selenium			35.0	U	12	J	35.0	U		
Silver			10.0	U	10.0	U	10.0	U		
Sodium			5000	U	5000	U	5000	U		
Thallium			25.0	U	25.0	U	25.0	U		
Vanadium			50.0	U	50.0	U	50.0	U		
Zinc			60.0	U	60.0	U	60.0	U		