

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZR9
 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: PB165716
 Run Batch: LB134036 Preparation Method: 3050B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB008	Q	ID: CCB069	Q	ID: CCB070	Q	ID: CCB071	Q	ID: PBS716	Q
Aluminum	200	U	200	U	200	U	200	U	12	J
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	-7.2	J	1.0	U
Barium	200	U	200	U	200	U	200	U	20.0	U
Beryllium	5.0	U	5.0	U	5.0	U	5.0	U	0.5	U
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	10.0	U	0.86	J	10.0	U	10.0	U	1.0	U
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U	5.0	U
Copper	-5.5	J	25.0	U	-5.9	J	25.0	U	-0.86	J
Iron	32	J	100	U	100	U	100	U	10.0	U
Lead	10.0	U	3.0	J	10.0	U	10.0	U	-0.41	J
Magnesium	5000	U	5000	U	5000	U	5000	U	500	U
Manganese	15.0	U	15.0	U	2.1	J	15.0	U	1.5	U
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	4.0	U
Potassium	5000	U	5000	U	5000	U	5000	U	500	U
Selenium	35.0	U	35.0	U	35.0	U	35.0	U	3.5	U
Silver	10.0	U	10.0	U	1.8	J	10.0	U	1.0	U
Sodium	5000	U	5000	U	5000	U	5000	U	130	J
Thallium	25.0	U	25.0	U	25.0	U	25.0	U	2.5	U
Vanadium	50.0	U	-9.2	J	-9.2	J	50.0	U	-0.75	J
Zinc	60.0	U	60.0	U	60.0	U	-18	J	6.0	U

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

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134036 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB072	Q	ID: CCB073	Q	ID: CCB074	Q	ID:	Q
Aluminum			200	U	200	U	200	U		
Antimony			60.0	U	60.0	U	60.0	U		
Arsenic			10.0	U	10.0	U	-4.9	J		
Barium			200	U	200	U	200	U		
Beryllium			5.0	U	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	10.0	U	10.0	U		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			-8.8	J	25.0	U	-6.5	J		
Iron			100	U	54	J	44	J		
Lead			3.3	J	3.0	J	10.0	U		
Magnesium			5000	U	5000	U	5000	U		
Manganese			1.7	J	15.0	U	1.4	J		
Nickel			40.0	U	40.0	U	40.0	U		
Potassium			5000	U	5000	U	5000	U		
Selenium			35.0	U	35.0	U	35.0	U		
Silver			10.0	U	10.0	U	1.5	J		
Sodium			5000	U	5000	U	1800	J		
Thallium			25.0	U	25.0	U	25.0	U		
Vanadium			-5.9	J	6.0	J	50.0	U		
Zinc			60.0	U	60.0	U	60.0	U		

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 Analytical Method: ICP-AES Preparation Batch: _____
 Run Batch: LB134036 Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB075	Q	ID: CCB076	Q	ID: CCB077	Q	ID:	Q
Aluminum			56	J	200	U	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			5.0	U	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	10.0	U	10.0	U		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			-6.4	J	25.0	U	25.0	U		
Iron			46	J	29	J	64	J		
Lead			10.0	U	10.0	U	10.0	U		
Magnesium			5000	U	5000	U	5000	U		
Manganese			15.0	U	1.7	J	15.0	U		
Nickel			40.0	U	40.0	U	40.0	U		
Potassium			5000	U	5000	U	5000	U		
Selenium			35.0	U	35.0	U	35.0	U		
Silver			10.0	U	10.0	U	10.0	U		
Sodium			2100	J	2200	J	3400	J		
Thallium			25.0	U	25.0	U	25.0	U		
Vanadium			50.0	U	50.0	U	-8.6	J		
Zinc			60.0	U	60.0	U	60.0	U		

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 Run Batch: LB134036 Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB078	Q	ID: CCB079	Q	ID: CCB080	Q	ID:	Q
Aluminum			31	J	200	U	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			5.0	U	5.0	U	5.0	U		
Cadmium			5.0	U	5.0	U	0.36	J		
Calcium			5000	U	5000	U	5000	U		
Chromium			10.0	U	1.3	J	10.0	U		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			25.0	U	25.0	U	25.0	U		
Iron			54	J	48	J	83	J		
Lead			3.2	J	7.1	J	6.1	J		
Magnesium			5000	U	5000	U	5000	U		
Manganese			15.0	U	2.3	J	1.5	J		
Nickel			40.0	U	40.0	U	40.0	U		
Potassium			540	J	560	J	590	J		
Selenium			35.0	U	35.0	U	35.0	U		
Silver			10.0	U	10.0	U	10.0	U		
Sodium			3500	J	4600	J	1800	J		
Thallium			25.0	U	25.0	U	25.0	U		
Vanadium			-8.3	J	-7.3	J	50.0	U		
Zinc			60.0	U	-18	J	-14	J		