

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543

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: LB133387 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB008	Q	ID: CCB056	Q	ID: CCB057	Q	ID: CCB058	Q	ID:	Q
Aluminum	200	U	65	J	200	U	200	U		
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	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	-2.1	J	1.1	J	-1.7	J	-1.6	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	37	J	100	U		
Lead	10.0	U	10.0	U	10.0	U	10.0	U		
Magnesium	5000	U	5000	U	5000	U	5000	U		
Manganese	15.0	U	15.0	U	-1.5	J	15.0	U		
Nickel	40.0	U	40.0	U	40.0	U	40.0	U		
Potassium	5000	U	5000	U	5000	U	5000	U		
Selenium	35.0	U	35.0	U	35.0	U	35.0	U		
Silver	10.0	U	10.0	U	10.0	U	-1.4	J		
Sodium	5000	U	5000	U	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	-7.0	J		
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: LB133387 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB059	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			-26	J						
Lead			10.0	U						
Magnesium			5000	U						
Manganese			15.0	U						
Nickel			40.0	U						
Potassium			5000	U						
Selenium			35.0	U						
Silver			10.0	U						
Sodium			5000	U						
Thallium			25.0	U						
Vanadium			50.0	U						
Zinc			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: PB164636
 Run Batch: LB133461 Preparation Method: 3050B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB012	Q	ID: CCB087	Q	ID: CCB088	Q	ID: CCB089	Q	ID: PBS636	Q
Aluminum	200	U	32	J	21	J	46	J	20.0	U
Antimony	60.0	U	60.0	U	60.0	U	60.0	U	6.0	U
Arsenic	10.0	U	6.3	J	10.0	U	10.0	U	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	0.36	J	0.41	J	0.39	J	0.5	U
Calcium	5000	U	5000	U	5000	U	5000	U	500	U
Chromium	-1.1	J	10.0	U	10.0	U	10.0	U	-0.088	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	100	U	37	J	27	J	53	J	10.0	U
Lead	10.0	U	10.0	U	10.0	U	10.0	U	-0.29	J
Magnesium	5000	U	5000	U	5000	U	5000	U	500	U
Manganese	-3.3	J	15.0	U	15.0	U	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	2.0	J	10.0	U	2.0	J	10.0	U	0.18	J
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	-8.5	J	-7.8	J	-10	J	-14	J	5.0	U
Zinc	60.0	U	60.0	U	60.0	U	60.0	U	6.0	U

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Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB133461 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB090	Q	ID:	Q	ID:	Q	ID:	Q
Aluminum			31	J						
Antimony			60.0	U						
Arsenic			10.0	U						
Barium			200	U						
Beryllium			5.0	U						
Cadmium			0.44	J						
Calcium			5000	U						
Chromium			-0.82	J						
Cobalt			50.0	U						
Copper			25.0	U						
Iron			36	J						
Lead			10.0	U						
Magnesium			5000	U						
Manganese			15.0	U						
Nickel			40.0	U						
Potassium			5000	U						
Selenium			35.0	U						
Silver			10.0	U						
Sodium			5000	U						
Thallium			25.0	U						
Vanadium			-13	J						
Zinc			60.0	U						