

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D27
 Preparation Blank Matrix : Water
 Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg): ug/L
 Analytical Method: ICP-AES Preparation Batch: PB165941
 Run Batch: LB134297 Preparation Method: 200.7

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB004	Q	ID: CCB023	Q	ID: CCB024	Q	ID: CCB025	Q	ID: LEB941	Q
Aluminum	200	U	200	U	200	U	200	U	200	U
Antimony	60.0	U	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	10.0	U
Barium	200	U	200	U	4.6	J	7.9	J	5.5	J
Beryllium	5.0	U	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	5.0	U
Calcium	5000	U	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	U	10.0	U	10.0	U	10.0	U	2.8	J
Cobalt	50.0	U	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	25.0	U
Iron	100	U	100	U	100	U	100	U	16	J
Lead	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Magnesium	5000	U	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	U	15.0	U	15.0	U	0.43	J	2.2	J
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	0.51	J
Potassium	5000	U	5000	U	5000	U	5000	U	-1500	J
Selenium	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U
Silver	10.0	U	10.0	U	10.0	U	-0.31	J	10.0	U
Sodium	5000	U	5000	U	5000	U	5000	U	5000	U
Thallium	25.0	U	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	50.0	U
Zinc	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U

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	ID:	Q	ID:	Q	ID:	Q	ID:	Q	ID: PBW941	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									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 :

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

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134314 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB005	Q	ID: CCB026	Q	ID: CCB027	Q	ID: CCB028	Q	ID:	Q
Aluminum	200	U	24	J	32	J	50	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	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	10.0	U	10.0	U	1.2	J	1.9	J		
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U		
Copper	25.0	U	25.0	U	25.0	U	4.5	J		
Iron	100	U	100	U	37	J	56	J		
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	0.72	J	2.7	J	4.2	J		
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	10.0	U		
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	50.0	U		
Zinc	60.0	U	60.0	U	60.0	U	3.2	J		

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Analytical Method: ICP-AES Preparation Batch:
Run Batch: LB134314 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB029	Q	ID: CCB030	Q	ID:	Q	ID:	Q
Aluminum			35	J	39	J				
Antimony			60.0	U	60.0	U				
Arsenic			10.0	U	10.0	U				
Barium			200	U	200	U				
Beryllium			5.0	U	5.0	U				
Cadmium			5.0	U	5.0	U				
Calcium			5000	U	5000	U				
Chromium			0.79	J	0.95	J				
Cobalt			50.0	U	50.0	U				
Copper			25.0	U	3.1	J				
Iron			34	J	34	J				
Lead			10.0	U	10.0	U				
Magnesium			5000	U	5000	U				
Manganese			2.1	J	3.1	J				
Nickel			40.0	U	40.0	U				
Potassium			5000	U	5000	U				
Selenium			35.0	U	35.0	U				
Silver			0.35	J	10.0	U				
Sodium			5000	U	5000	U				
Thallium			25.0	U	25.0	U				
Vanadium			50.0	U	50.0	U				
Zinc			60.0	U	60.0	U				