

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD599
 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: PB161637
 Run Batch: LB131408 Preparation Method: 200.7

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction	
	ID: ICB008	Q	ID: CCB048	Q	ID: CCB049	Q	ID: CCB050	Q	ID: PBW637	Q
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	200	U	200	U	200	U
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
Chromium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
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
Lead	10.0	U	4.2	J	10.0	U	10.0	U	10.0	U
Manganese	15.0	U	1.4	J	15.0	U	15.0	U	15.0	U
Molybdenum	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U
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	10.0	U	10.0	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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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: LB131408 Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction	
	ID:	Q	ID: CCB051	Q	ID: CCB052	Q	ID:	Q	ID:	Q
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				
Chromium			0.96	J	10.0	U				
Cobalt			50.0	U	50.0	U				
Copper			25.0	U	25.0	U				
Lead			10.0	U	10.0	U				
Manganese			2.0	J	1.6	J				
Molybdenum			10.0	U	10.0	U				
Nickel			40.0	U	40.0	U				
Selenium			35.0	U	35.0	U				
Silver			10.0	U	10.0	U				
Thallium			25.0	U	25.0	U				
Vanadium			50.0	U	50.0	U				
Zinc			60.0	U	60.0	U				

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 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD599
 Preparation Blank Matrix : Soil
 Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg
 Analytical Method: ICP-AES Preparation Batch: PB161639
 Run Batch: LB131424 Preparation Method: 3050B

Analyte	Initial Calibration Blank ($\mu\text{g/L}$)		Continuing Calibration Blank ($\mu\text{g/L}$)						Preparation Blank/Leachate Extraction	
	ID: ICB010	Q	ID: CCB060	Q	ID: CCB061	Q	ID: CCB062	Q	ID: PBS639	Q
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	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
Chromium	10.0	U	2.0	J	1.1	J	1.1	J	1.0	U
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
Lead	2.9	J	10.0	U	10.0	U	10.0	U	0.29	J
Manganese	15.0	U	15.0	U	15.0	U	15.0	U	1.5	U
Molybdenum	10.0	U	10.0	U	10.0	U	10.0	U	5.0	U
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	4.0	U
Selenium	35.0	U	35.0	U	35.0	U	35.0	U	3.5	U
Silver	10.0	U	10.0	U	10.0	U	10.0	U	1.0	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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 Analytical Method: ICP-AES Preparation Batch: _____
 Run Batch: LB131424 Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction	
	ID:	Q	ID: CCB063	Q	ID: CCB064	Q	ID:	Q	ID:	Q
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				
Chromium			1.1	J	2.1	J				
Cobalt			50.0	U	50.0	U				
Copper			25.0	U	25.0	U				
Lead			10.0	U	10.0	U				
Manganese			15.0	U	15.0	U				
Molybdenum			10.0	U	10.0	U				
Nickel			40.0	U	40.0	U				
Selenium			35.0	U	35.0	U				
Silver			10.0	U	10.0	U				
Thallium			25.0	U	25.0	U				
Vanadium			50.0	U	50.0	U				
Zinc			60.0	U	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: LB131438 Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction	
	ID: ICB011	Q	ID: CCB065	Q	ID: CCB066	Q	ID: CCB067	Q	ID:	Q
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	0.26	J	5.0	U		
Chromium	10.0	U	1.1	J	1.5	J	10.0	U		
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U		
Copper	25.0	U	8.3	J	25.0	U	5.9	J		
Lead	10.0	U	10.0	U	10.0	U	10.0	U		
Manganese	15.0	U	1.4	J	15.0	U	15.0	U		
Molybdenum	10.0	U	10.0	U	10.0	U	10.0	U		
Nickel	40.0	U	40.0	U	40.0	U	40.0	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		
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 : _____	
Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): _____	
Analytical Method: <u>ICP-AES</u>	Preparation Batch: _____
Run Batch: <u>LB131438</u>	Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction	
	ID:	Q	ID: CCB068	Q	ID: CCB069	Q	ID: CCB070	Q	ID:	Q
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		
Chromium			10.0	U	10.0	U	10.0	U		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			25.0	U	25.0	U	6.7	J		
Lead			10.0	U	10.0	U	10.0	U		
Manganese			15.0	U	15.0	U	15.0	U		
Molybdenum			10.0	U	10.0	U	10.0	U		
Nickel			40.0	U	40.0	U	40.0	U		
Selenium			35.0	U	35.0	U	35.0	U		
Silver			10.0	U	10.0	U	10.0	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		

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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: <u>ICP-AES</u>	Preparation Batch: _____
Run Batch: <u>LB131438</u>	Preparation Method: _____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction	
	ID:	Q	ID: CCB071	Q	ID: CCB072	Q	ID: CCB073	Q	ID:	Q
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	0.26	J		
Chromium			0.89	J	10.0	U	0.95	J		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			6.1	J	9.4	J	6.0	J		
Lead			10.0	U	10.0	U	10.0	U		
Manganese			15.0	U	15.0	U	1.4	J		
Molybdenum			10.0	U	10.0	U	1.3	J		
Nickel			40.0	U	40.0	U	40.0	U		
Selenium			35.0	U	35.0	U	35.0	U		
Silver			10.0	U	10.0	U	10.0	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		