FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

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: PB165488

Run Batch: LB134116 Preparation Method: 3050B

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB004	Q	ID: CCB033	Q	ID: CCB034	Q	ID: CCB035	Q	ID: PBS488	Q
Aluminum	200	U	-28	J	200	U	-32	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	-0.61	J
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	1.2	J	10.0	U	10.0	U	1.2	J	1.0	U
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U	5.0	U
Copper	-5.3	J	25.0	U	25.0	U	-7.3	J	-1.1	J
Iron	100	U	26	J	100	U	100	U	10.0	U
Lead	10.0	U	3.4	J	10.0	U	3.6	J	-0.45	J
Magnesium	5000	U	5000	U	5000	U	5000	U	500	U
Manganese	15.0	U	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	10.0	U	10.0	U	10.0	U	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	-8.7	J	50.0	U	-12	J	-11	J	5.0	U
Zinc	60.0	U	60.0	U	60.0	U	60.0	U	6.0	U

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Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134116 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB036	Q	ID: CCB037	Q	ID: CCB038	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	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			25.0	U	25.0	U	-7.9	J		
Iron			37	J	100	U	20	J		
Lead			10.0	U	10.0	U	10.0	U		
Magnesium			5000	U	5000	U	5000	U		
Manganese			15.0	U	15.0	U	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			5000	U	5000	U	5000	U		
Thallium			25.0	U	25.0	U	25.0	U		
Vanadium			50.0	U	-18	J	-15	J		
Zinc			60.0	U	60.0	U	60.0	U		

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BLANKS

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134116 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB039	Q	ID: CCB040	Q	ID: CCB041	Q	ID:	Q
Aluminum			36	J	94	J	24	J		
Antimony			60.0	U	60.0	U	60.0	U		
Arsenic			10.0	U	-5.7	J	10.0	U		
Barium			200	U	200	U	200	U		
Beryllium			5.0	U	5.0	U	5.0	U		
Cadmium			5.0	U	0.32	J	5.0	U		
Calcium			5000	U	5000	U	5000	U		
Chromium			10.0	U	1.8	J	0.98	J		
Cobalt			50.0	U	50.0	U	50.0	U		
Copper			-6.7	J	-9.6	J	25.0	U		
Iron			100	U	52	J	100	U		
Lead			10.0	U	4.4	J	10.0	U		
Magnesium			5000	U	5000	U	5000	U		
Manganese			15.0	U	1.9	J	15.0	U		
Nickel			40.0	U	40.0	U	40.0	U		
Potassium			5000	U	5000	U	-600	J		
Selenium			35.0	U	35.0	U	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			-12	J	-20	J	-13	J		
Zinc			60.0	U	60.0	U	60.0	U		

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134116 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB042	Q	ID:	Q	ID:	Q	ID:	Q
Aluminum			24	J						
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			-6.1	J						
Iron			36	J						
Lead			10.0	U						
Magnesium			5000	U						
Manganese			1.7	J						
Nickel			40.0	U						
Potassium			-630	J						
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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134161 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB051	Q	ID: CCB100	Q	ID: CCB101	Q	ID: CCB102	Q	ID:	Q
Aluminum	200	U	200	U	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		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	-1.1	J	10.0	U		
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U		
Copper	25.0	U	25.0	U	7.1	J	-19	J		
Iron	100	U	100	U	100	U	43	J		
Lead	-3.3	J	10.0	U	10.0	U	10.0	U		
Magnesium	-200	J	5000	U	5000	U	5000	U		
Manganese	15.0	U	15.0	U	15.0	U	1.6	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	-17	J	50.0	U		
Zinc	60.0	U	60.0	U	60.0	U	60.0	U		

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134161 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB103	Q	ID: CCB104	Q	ID: CCB105	Q	ID:	Q
Aluminum			68	J	74	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			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			-9.4	J	-11	J	25.0	U		
Iron			100	U	24	J	45	J		
Lead			10.0	U	10.0	U	10.0	U		
Magnesium			5000	U	5000	U	5000	U		
Manganese			3.9	J	4.4	J	4.7	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			1.7	J	10.0	U	1.6	J		
Sodium			5000	U	5000	U	5000	U		
Thallium			25.0	U	25.0	U	25.0	U		
Vanadium			50.0	U	-9.1	J	-7.7	J		
Zinc			60.0	U	60.0	U	60.0	U		

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BLANKS

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134161 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB106	Q	ID: CCB107	Q	ID:	Q	ID:	Q
Aluminum			200	U	20	J				
Antimony			60.0	U	60.0	U				
Arsenic			9.3	J	8.9	J				
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			10.0	U	10.0	U				
Cobalt			50.0	U	50.0	U				
Copper			25.0	U	-5.8	J				
Iron			71	J	33	J				
Lead			10.0	U	10.0	U				
Magnesium			5000	U	-220	J				
Manganese			2.2	J	5.6	J				
Nickel			40.0	U	40.0	U				
Potassium			5000	U	5000	U				
Selenium			35.0	U	35.0	U				
Silver			10.0	U	10.0	U				
Sodium			5000	U	5000	U				
Thallium			25.0	U	25.0	U				
Vanadium			-12	J	50.0	U				
Zinc			60.0	U	60.0	U				

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKX9

Preparation Blank Matrix :

Preparation Blank Concentration Units (µg/L, mg/L, mg/kg dry weight, or µg):

Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134162 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB052	Q	ID: CCB112	Q	ID: CCB113	Q	ID:	Q	ID:	Q
Aluminum	-29	J	200	U	200	U				
Antimony	60.0	U	60.0	U	60.0	U				
Arsenic	10.0	U	10.0	U	-6.3	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	-1.2	J	10.0	U	10.0	U				
Cobalt	50.0	U	50.0	U	50.0	U				
Copper	-15	J	25.0	U	-12	J				
Iron	45	J	100	U	100	U				
Lead	10.0	U	5.1	J	10.0	U				
Magnesium	5000	U	5000	U	5000	U				
Manganese	1.5	J	15.0	U	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	1.7	J	-1.2	J	10.0	U				
Sodium	5000	U	5000	U	5000	U				
Thallium	25.0	U	25.0	U	25.0	U				
Vanadium	-11	J	-7.3	J	-9.1	J				
Zinc	60.0	U	60.0	U	60.0	U				