

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
 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: PB165759
 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: PBS759	Q
Aluminum	200	U	-28	J	200	U	-32	J	20.0	U
Calcium	5000	U	5000	U	5000	U	5000	U	500	U
Iron	100	U	26	J	100	U	100	U	10.0	U
Magnesium	5000	U	5000	U	5000	U	5000	U	500	U
Potassium	5000	U	5000	U	5000	U	5000	U	-70	J
Sodium	5000	U	5000	U	5000	U	5000	U	500	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: 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		
Calcium			5000	U	5000	U	5000	U		
Iron			37	J	100	U	20	J		
Magnesium			5000	U	5000	U	5000	U		
Potassium			5000	U	5000	U	5000	U		
Sodium			5000	U	5000	U	5000	U		

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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		
Calcium			5000	U	5000	U	5000	U		
Iron			100	U	52	J	100	U		
Magnesium			5000	U	5000	U	5000	U		
Potassium			5000	U	5000	U	-600	J		
Sodium			5000	U	5000	U	5000	U		

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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: CCB043	Q	ID: CCB044	Q	ID:	Q
Aluminum			24	J	200	U	26	J		
Calcium			5000	U	5000	U	5000	U		
Iron			36	J	100	U	100	U		
Magnesium			5000	U	5000	U	5000	U		
Potassium			-630	J	-640	J	-710	J		
Sodium			5000	U	5000	U	5000	U		

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Analytical Method: ICP-AES Preparation Batch:

Run Batch: LB134132 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB005	Q	ID: CCB049	Q	ID: CCB050	Q	ID: CCB051	Q	ID:	Q
Aluminum	200	U	23	J	200	U	200	U		
Calcium	5000	U	5000	U	5000	U	5000	U		
Iron	-23	J	40	J	33	J	26	J		
Magnesium	5000	U	5000	U	5000	U	5000	U		
Potassium	5000	U	5000	U	5000	U	5000	U		
Sodium	5000	U	5000	U	5000	U	5000	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: LB134139 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB006	Q	ID: CCB053	Q	ID: CCB054	Q	ID:	Q	ID:	Q
Aluminum	200	U	80	J	200	U				
Calcium	5000	U	5000	U	5000	U				
Iron	-38	J	100	U	100	U				
Magnesium	5000	U	5000	U	5000	U				
Potassium	-1100	J	-970	J	5000	U				
Sodium	5000	U	5000	U	5000	U				