

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : _____ SDG No.: ME2931
 Initial Calibration Verification Source : MP84051
 Continuing Calibration Verification Source : MP84052
 Run Batch: LB134459 Analytical Method: ICP-MS
 Concentration Units: µg/L

Analyte	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV009				ID: CCV010		
	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	480	96	2	50000	53000	107	1	50000	100	1
Antimony	200	200	100	1	500	520	104	0	490	99	3
Arsenic	200	200	100	0	500	520	103	1	500	100	1
Barium	100	99	99	2	2500	2700	107	0	2500	101	3
Beryllium	100	99	99	2	500	540	109	2	520	103	2
Cadmium	100	97	97	3	500	490	97	1	460	92	3
Calcium	2000	1900	96	3	250000	260000	106	1	250000	101	2
Chromium	100	98	98	1	500	510	101	0	490	97	1
Cobalt	100	100	101	1	500	520	104	1	510	102	2
Copper	100	110	107	2	5000	5000	100	1	4900	99	1
Iron	2000	2100	104	1	125000	130000	106	1	130000	103	3
Lead	200	190	96	1	2500	2700	109	2	2600	103	2
Magnesium	1200	1200	96	1	250000	270000	107	1	250000	101	2
Manganese	100	100	100	2	5000	5300	105	1	5100	102	1
Nickel	110	110	98	1	500	510	102	1	490	99	2
Potassium	2000	1900	95	1	125000	130000	106	2	120000	99	2
Selenium	200	210	103	4	500	520	103	1	480	97	2
Silver	50.0	47	94	3	500	500	100	0	470	95	3
Sodium	2000	2000	98	1	250000	270000	108	1	250000	102	1
Thallium	210	190	92	3	500	550	109	1	520	104	3
Vanadium	100	94	94	1	500	520	103	0	500	99	1
Zinc	200	200	101	1	5000	4800	96	1	4700	93	2

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Analyte	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV011				ID: CCV012		
	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	50000	99	1	48000	95	1
Antimony					500	500	99	2	490	99	3
Arsenic					500	490	98	1	470	94	0
Barium					2500	2500	101	1	2500	99	3
Beryllium					500	520	103	2	510	102	1
Cadmium					500	450	91	0	510	103	3
Calcium					250000	250000	100	0	250000	99	4
Chromium					500	490	98	1	470	94	1
Cobalt					500	510	102	2	470	94	1
Copper					5000	5000	100	1	4800	96	1
Iron					125000	130000	104	0	130000	100	0
Lead					2500	2600	102	1	2500	101	3
Magnesium					250000	250000	100	1	240000	96	1
Manganese					5000	5100	102	1	4900	98	2
Nickel					500	500	100	1	480	96	1
Potassium					125000	120000	99	1	120000	94	1
Selenium					500	480	95	1	470	95	4
Silver					500	470	93	0	470	93	4
Sodium					250000	250000	101	1	240000	96	0
Thallium					500	520	104	1	510	102	3
Vanadium					500	500	100	1	480	96	1
Zinc					5000	4700	94	1	4600	91	0

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Analyte	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV013				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	47000	94	3			
Antimony					500	480	97	2			
Arsenic					500	460	93	3			
Barium					2500	2400	97	2			
Beryllium					500	520	104	2			
Cadmium					500	440	88	2			
Calcium					250000	240000	96	1			
Chromium					500	470	95	3			
Cobalt					500	470	94	3			
Copper					5000	4900	97	3			
Iron					125000	130000	100	2			
Lead					2500	2500	100	1			
Magnesium					250000	240000	95	2			
Manganese					5000	5000	100	3			
Nickel					500	490	97	3			
Potassium					125000	120000	94	3			
Selenium					500	470	93	1			
Silver					500	460	92	2			
Sodium					250000	240000	95	3			
Thallium					500	500	101	1			
Vanadium					500	480	96	3			
Zinc					5000	4600	92	3			