

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51880 MA No. : SDG No.: E29T2
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133538 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV004				ID: CCV005		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	540	108	1	50000	50000	100	1	50000	100	1
Antimony	200	210	103	1	500	510	102	2	500	100	1
Arsenic	200	210	103	1	500	530	105	1	520	104	1
Barium	100	100	101	1	2500	2500	101	1	2500	100	2
Beryllium	100	100	100	2	500	530	107	3	510	102	2
Cadmium	100	110	107	0	500	520	103	2	510	102	1
Calcium	2000	1900	95	1	250000	250000	100	1	250000	99	2
Chromium	100	100	101	0	500	510	102	1	510	102	3
Cobalt	100	110	105	2	500	520	104	1	520	104	2
Copper	100	98	98	0	5000	5100	103	1	5100	103	2
Iron	2000	2100	103	0	125000	130000	102	2	130000	101	2
Lead	200	210	104	1	2500	2600	104	1	2600	102	2
Magnesium	1200	1100	94	4	250000	250000	99	1	250000	99	3
Manganese	100	98	98	0	5000	5100	102	2	5100	102	2
Nickel	110	100	94	0	500	520	103	1	510	102	2
Potassium	2000	1900	96	0	125000	120000	99	1	120000	98	2
Selenium	200	210	105	1	500	510	101	1	500	101	1
Silver	50.0	53	105	2	500	510	102	2	500	101	1
Sodium	2000	2000	98	1	250000	260000	103	1	250000	102	3
Thallium	210	210	98	2	500	520	104	1	520	103	1
Vanadium	100	97	97	1	500	520	104	1	520	103	3
Zinc	200	200	100	0	5000	5200	104	1	5100	103	2

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV006				ID: CCV007		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	50000	100	1	49000	99	2
Antimony					500	510	103	2	520	103	1
Arsenic					500	540	107	0	530	106	1
Barium					2500	2500	102	1	2600	102	0
Beryllium					500	520	103	3	510	102	2
Cadmium					500	530	105	1	530	106	2
Calcium					250000	250000	101	3	250000	100	1
Chromium					500	520	103	1	510	103	0
Cobalt					500	530	106	1	520	105	1
Copper					5000	5300	106	1	5300	106	1
Iron					125000	130000	103	2	130000	102	0
Lead					2500	2600	103	2	2600	105	0
Magnesium					250000	250000	100	2	250000	99	1
Manganese					5000	5100	102	1	5000	101	0
Nickel					500	520	104	2	520	103	1
Potassium					125000	120000	100	2	120000	98	1
Selenium					500	510	102	2	520	104	1
Silver					500	520	103	1	520	104	0
Sodium					250000	260000	103	2	260000	102	1
Thallium					500	520	104	0	530	105	1
Vanadium					500	530	105	1	520	105	0
Zinc					5000	5200	104	1	5200	103	1

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 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133538 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV008				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	49000	97	2			
Antimony					500	500	100	2			
Arsenic					500	510	102	0			
Barium					2500	2500	100	2			
Beryllium					500	520	104	2			
Cadmium					500	510	102	1			
Calcium					250000	240000	97	2			
Chromium					500	500	99	0			
Cobalt					500	520	104	2			
Copper					5000	5100	101	1			
Iron					125000	130000	100	1			
Lead					2500	2500	101	1			
Magnesium					250000	250000	98	2			
Manganese					5000	5000	99	1			
Nickel					500	510	102	2			
Potassium					125000	120000	97	1			
Selenium					500	490	98	1			
Silver					500	500	99	2			
Sodium					250000	250000	101	2			
Thallium					500	510	102	2			
Vanadium					500	510	102	2			
Zinc					5000	5100	101	1			