

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2927Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134112 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV011				ID: CCV012		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	480	97	0	50000	50000	100	0	49000	99	0
Antimony	200	220	108	1	500	500	99	0	500	100	1
Arsenic	200	220	109	1	500	490	99	1	490	98	1
Barium	100	100	104	2	2500	2500	101	1	2500	101	1
Beryllium	100	110	107	2	500	490	99	0	500	99	0
Cadmium	100	100	105	1	500	480	95	1	480	95	1
Calcium	2000	2100	105	2	250000	260000	103	0	260000	102	1
Chromium	100	100	105	1	500	500	99	1	500	100	1
Cobalt	100	110	105	0	500	490	98	0	490	99	1
Copper	100	100	101	0	5000	4800	96	0	4800	96	1
Iron	2000	2200	109	0	125000	130000	102	1	130000	103	0
Lead	200	200	101	1	2500	2600	103	1	2600	103	1
Magnesium	1200	1200	99	1	250000	250000	101	0	250000	100	1
Manganese	100	100	102	0	5000	5000	99	0	5000	99	0
Nickel	110	110	98	0	500	470	93	1	470	94	0
Potassium	2000	2100	103	0	125000	130000	100	0	130000	100	0
Selenium	200	220	108	1	500	480	96	1	480	96	1
Silver	50.0	52	104	1	500	490	97	1	490	97	2
Sodium	2000	2100	103	1	250000	250000	100	0	250000	100	0
Thallium	210	210	98	1	500	520	104	1	520	104	1
Vanadium	100	100	101	1	500	510	102	1	510	101	1
Zinc	200	210	105	1	5000	4700	95	0	4700	95	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV013				ID: CCV014		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	51000	102	0	51000	101	1
Antimony					500	500	100	1	500	99	1
Arsenic					500	490	99	1	490	99	0
Barium					2500	2500	101	1	2500	101	2
Beryllium					500	490	97	1	490	97	0
Cadmium					500	480	95	1	470	95	2
Calcium					250000	250000	102	1	250000	100	2
Chromium					500	510	101	1	500	100	0
Cobalt					500	490	98	0	500	100	0
Copper					5000	4800	97	0	4900	97	0
Iron					125000	130000	103	1	130000	104	0
Lead					2500	2600	102	1	2600	102	2
Magnesium					250000	250000	100	0	250000	100	1
Manganese					5000	5000	100	0	4900	99	0
Nickel					500	470	95	0	470	95	1
Potassium					125000	120000	100	0	120000	99	1
Selenium					500	490	97	0	480	97	1
Silver					500	490	97	1	490	98	1
Sodium					250000	250000	101	1	250000	100	1
Thallium					500	520	103	1	520	104	3
Vanadium					500	510	102	1	510	103	1
Zinc					5000	4700	95	1	4800	96	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV015				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	50000	101	1			
Antimony					500	490	99	1			
Arsenic					500	490	99	2			
Barium					2500	2500	99	1			
Beryllium					500	480	96	1			
Cadmium					500	470	93	1			
Calcium					250000	250000	102	1			
Chromium					500	510	102	0			
Cobalt					500	500	100	0			
Copper					5000	4900	99	0			
Iron					125000	130000	104	0			
Lead					2500	2600	104	0			
Magnesium					250000	250000	100	0			
Manganese					5000	5000	100	0			
Nickel					500	480	96	0			
Potassium					125000	120000	99	1			
Selenium					500	480	97	1			
Silver					500	480	96	2			
Sodium					250000	250000	101	1			
Thallium					500	520	105	1			
Vanadium					500	510	102	2			
Zinc					5000	4900	97	1			