

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51948 MA No. : SDG No.: MC0B00Initial Calibration Verification Source : MP84051Continuing Calibration Verification Source : MP84052Run Batch: LB134440 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV001				ID: CCV001				ID: CCV002		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	470	95	1	50000	52000	103	1	51000	102	1
Antimony	200	200	100	2	500	520	104	1	500	100	0
Arsenic	200	200	101	0	500	520	104	1	510	101	0
Barium	100	98	98	2	2500	2600	106	0	2500	100	0
Beryllium	100	94	94	2	500	550	110	1	510	102	1
Cadmium	100	99	99	2	500	480	96	1	460	92	1
Calcium	2000	2100	106	2	250000	260000	103	1	250000	100	1
Chromium	100	96	96	1	500	490	99	2	480	96	1
Cobalt	100	99	99	1	500	510	101	2	500	101	0
Copper	100	110	105	1	5000	5000	99	2	4900	98	1
Iron	2000	2000	101	1	125000	130000	103	1	130000	101	1
Lead	200	200	98	1	2500	2700	106	1	2600	104	0
Magnesium	1200	1200	97	1	250000	260000	102	1	260000	102	1
Manganese	100	99	99	1	5000	5200	104	2	5100	103	0
Nickel	110	110	96	1	500	500	100	1	490	98	1
Potassium	2000	1900	93	1	125000	130000	102	1	120000	100	0
Selenium	200	200	102	0	500	510	101	1	500	99	1
Silver	50.0	47	95	2	500	500	99	0	480	96	1
Sodium	2000	1900	97	1	250000	260000	102	1	250000	101	1
Thallium	210	190	91	1	500	530	107	1	520	104	1
Vanadium	100	92	92	1	500	500	101	1	490	99	1
Zinc	200	200	100	1	5000	5000	100	2	4900	98	2

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID: CCV004		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	49000	99	6	50000	100	0
Antimony					500	510	101	1	490	99	0
Arsenic					500	490	97	6	500	100	1
Barium					2500	2500	101	1	2500	100	1
Beryllium					500	510	103	2	490	99	2
Cadmium					500	460	93	1	450	91	1
Calcium					250000	250000	99	1	250000	98	1
Chromium					500	460	92	5	470	95	1
Cobalt					500	480	97	6	500	99	0
Copper					5000	4700	93	6	4800	96	1
Iron					125000	120000	97	5	130000	101	1
Lead					2500	2600	103	1	2500	102	0
Magnesium					250000	240000	97	5	250000	100	1
Manganese					5000	4900	98	6	5000	101	1
Nickel					500	470	93	6	480	96	1
Potassium					125000	120000	95	5	120000	98	1
Selenium					500	490	99	1	480	96	1
Silver					500	490	97	0	480	95	1
Sodium					250000	240000	97	5	250000	99	1
Thallium					500	520	104	0	520	104	1
Vanadium					500	470	94	5	490	97	0
Zinc					5000	4600	92	8	4700	94	3

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV005				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	50000	101	3			
Antimony					500	500	100	1			
Arsenic					500	500	100	3			
Barium					2500	2500	99	3			
Beryllium					500	500	100	1			
Cadmium					500	460	91	2			
Calcium					250000	240000	98	2			
Chromium					500	480	96	3			
Cobalt					500	500	100	4			
Copper					5000	4800	97	4			
Iron					125000	130000	102	4			
Lead					2500	2600	102	2			
Magnesium					250000	250000	100	3			
Manganese					5000	5100	102	3			
Nickel					500	490	98	4			
Potassium					125000	120000	97	3			
Selenium					500	480	96	2			
Silver					500	470	95	2			
Sodium					250000	250000	99	3			
Thallium					500	510	102	2			
Vanadium					500	490	98	3			
Zinc					5000	4600	93	3			