

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6311Initial Calibration Verification Source : MP84439Continuing Calibration Verification Source : MP84438Run Batch: LB134662 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	480	97	5	50000	51000	103	2	52000	104	1
Antimony	200	210	104	1	500	500	99	1	500	101	1
Arsenic	200	210	104	2	500	510	101	1	500	101	0
Barium	100	100	103	1	2500	2500	102	2	2500	101	2
Beryllium	100	100	105	0	500	520	104	2	510	102	1
Cadmium	100	100	103	2	500	490	99	3	490	98	1
Calcium	2000	2000	100	1	250000	250000	101	1	260000	103	0
Chromium	100	99	99	4	500	500	100	1	500	100	1
Cobalt	100	100	103	4	500	490	99	1	490	99	1
Copper	100	110	105	4	5000	4700	95	0	4800	95	1
Iron	2000	2000	100	5	125000	130000	100	0	130000	100	1
Lead	200	200	101	3	2500	2600	102	0	2600	103	1
Magnesium	1200	1100	94	4	250000	250000	100	1	250000	102	1
Manganese	100	98	98	4	5000	4900	98	0	4900	99	0
Nickel	110	100	92	4	500	450	90	0	450	90	1
Potassium	2000	1900	95	4	125000	120000	99	0	130000	100	1
Selenium	200	210	106	0	500	500	99	1	490	97	1
Silver	50.0	50	99	1	500	480	97	1	480	97	1
Sodium	2000	2100	105	3	250000	260000	104	1	260000	106	1
Thallium	210	200	96	2	500	510	103	1	520	104	0
Vanadium	100	97	97	4	500	510	101	1	510	102	1
Zinc	200	200	98	4	5000	4800	96	1	4800	97	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	53000	105	0			
Antimony					500	500	99	2			
Arsenic					500	500	101	2			
Barium					2500	2500	101	2			
Beryllium					500	510	101	1			
Cadmium					500	490	99	1			
Calcium					250000	260000	102	1			
Chromium					500	510	101	1			
Cobalt					500	500	99	0			
Copper					5000	4800	96	1			
Iron					125000	130000	102	1			
Lead					2500	2600	102	1			
Magnesium					250000	260000	103	1			
Manganese					5000	5000	99	1			
Nickel					500	460	91	1			
Potassium					125000	130000	100	0			
Selenium					500	490	98	2			
Silver					500	480	97	1			
Sodium					250000	270000	107	1			
Thallium					500	510	102	0			
Vanadium					500	520	103	1			
Zinc					5000	4900	98	1			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6311Initial Calibration Verification Source : MP84473Continuing Calibration Verification Source : MP84438Run Batch: LB134674 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV005				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	480	95	1	50000	50000	100	0	50000	100	2
Antimony	200	210	103	1	500	500	100	2	500	100	1
Arsenic	200	210	103	1	500	500	99	1	490	99	2
Barium	100	100	101	1	2500	2600	102	1	2500	100	2
Beryllium	100	100	102	2	500	510	101	1	510	101	1
Cadmium	100	100	105	1	500	500	101	2	490	98	1
Calcium	2000	2200	110	1	250000	260000	104	0	250000	102	1
Chromium	100	100	101	0	500	500	100	1	500	100	2
Cobalt	100	110	105	0	500	490	99	1	490	99	2
Copper	100	110	107	1	5000	4800	95	0	4800	95	2
Iron	2000	2100	103	1	125000	130000	101	0	130000	101	2
Lead	200	200	99	1	2500	2500	102	2	2500	101	1
Magnesium	1200	1100	96	0	250000	250000	99	1	250000	101	1
Manganese	100	100	100	2	5000	4900	98	1	4900	99	1
Nickel	110	110	96	1	500	460	93	1	460	92	1
Potassium	2000	1900	95	0	125000	120000	100	1	120000	100	0
Selenium	200	210	105	2	500	500	99	0	490	97	1
Silver	50.0	49	97	2	500	490	99	1	490	97	1
Sodium	2000	2000	102	1	250000	260000	103	1	260000	104	1
Thallium	210	200	95	0	500	510	103	1	510	102	1
Vanadium	100	99	99	1	500	500	100	1	490	99	1
Zinc	200	200	101	1	5000	4800	97	2	4800	97	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV023				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	49000	98	1			
Antimony					500	500	99	1			
Arsenic					500	500	100	1			
Barium					2500	2500	100	2			
Beryllium					500	510	101	1			
Cadmium					500	490	98	1			
Calcium					250000	250000	100	1			
Chromium					500	500	99	1			
Cobalt					500	490	99	1			
Copper					5000	4800	95	1			
Iron					125000	120000	99	2			
Lead					2500	2500	101	1			
Magnesium					250000	250000	98	1			
Manganese					5000	5000	99	2			
Nickel					500	460	93	1			
Potassium					125000	120000	97	1			
Selenium					500	490	97	1			
Silver					500	490	97	2			
Sodium					250000	260000	102	2			
Thallium					500	510	102	0			
Vanadium					500	490	99	1			
Zinc					5000	4800	97	1			