

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133382 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV005				ID: CCV011				ID: CCV012		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	480	97	1	50000	52000	104	1	50000	101	1
Antimony	200	210	104	1	500	500	100	4	510	102	1
Arsenic	200	210	103	2	500	540	107	1	530	106	0
Barium	100	100	105	1	2500	2400	98	5	2500	101	0
Beryllium	100	100	101	1	500	510	103	5	510	103	3
Cadmium	100	110	109	1	500	510	102	4	510	103	0
Calcium	2000	2200	109	0	250000	220000	90	4	230000	93	1
Chromium	100	100	103	3	500	510	101	1	520	103	1
Cobalt	100	110	106	1	500	540	107	0	540	109	1
Copper	100	99	99	2	5000	5100	102	0	5300	106	0
Iron	2000	2200	108	3	125000	130000	104	0	130000	105	1
Lead	200	200	98	0	2500	2500	98	5	2600	102	1
Magnesium	1200	1200	100	2	250000	270000	109	1	270000	108	1
Manganese	100	100	101	2	5000	5100	101	0	5100	101	1
Nickel	110	110	96	1	500	520	105	0	540	108	1
Potassium	2000	2000	99	1	125000	130000	102	1	130000	101	1
Selenium	200	220	109	1	500	500	101	5	520	104	1
Silver	50.0	54	108	2	500	500	101	4	500	101	1
Sodium	2000	2000	98	1	250000	250000	102	0	250000	101	1
Thallium	210	190	93	1	500	490	99	4	510	102	0
Vanadium	100	99	99	2	500	510	103	0	520	104	0
Zinc	200	210	105	2	5000	5100	103	1	5300	105	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	50000	99	1	50000	100	1
Antimony					500	490	98	0	490	98	1
Arsenic					500	510	102	0	520	103	1
Barium					2500	2400	97	1	2400	97	1
Beryllium					500	500	100	2	490	97	4
Cadmium					500	500	100	0	490	99	1
Calcium					250000	230000	92	2	240000	94	2
Chromium					500	510	101	0	510	102	0
Cobalt					500	540	107	1	540	108	1
Copper					5000	5200	104	1	5300	106	0
Iron					125000	130000	103	0	130000	104	1
Lead					2500	2500	100	1	2500	101	1
Magnesium					250000	260000	105	0	270000	108	1
Manganese					5000	5000	100	0	5000	101	1
Nickel					500	530	106	0	540	107	1
Potassium					125000	120000	98	0	120000	99	1
Selenium					500	500	101	1	510	102	1
Silver					500	490	98	1	490	98	1
Sodium					250000	250000	99	1	250000	101	1
Thallium					500	500	100	1	510	101	2
Vanadium					500	510	103	0	520	103	0
Zinc					5000	5100	103	1	5200	104	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV015				ID: CCV016		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	51000	102	0	50000	100	1
Antimony					500	480	95	1	500	99	1
Arsenic					500	520	104	0	520	104	0
Barium					2500	2400	95	2	2400	97	1
Beryllium					500	470	95	4	490	97	2
Cadmium					500	490	97	1	510	101	1
Calcium					250000	230000	90	3	230000	92	2
Chromium					500	510	101	1	500	100	1
Cobalt					500	540	108	1	540	107	1
Copper					5000	5200	105	1	5200	104	1
Iron					125000	130000	104	1	130000	102	1
Lead					2500	2500	99	2	2500	100	2
Magnesium					250000	270000	108	0	270000	107	0
Manganese					5000	5000	101	0	4900	99	2
Nickel					500	530	107	1	530	106	1
Potassium					125000	120000	99	1	120000	97	1
Selenium					500	500	100	3	510	102	1
Silver					500	480	96	1	490	99	0
Sodium					250000	250000	100	1	250000	101	1
Thallium					500	500	99	2	500	100	2
Vanadium					500	520	103	0	510	102	1
Zinc					5000	5200	104	1	5100	102	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133382 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV017				ID: CCV018		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	50000	100	1	50000	101	1
Antimony					500	490	99	3	500	99	1
Arsenic					500	520	105	0	520	104	1
Barium					2500	2400	96	2	2400	97	0
Beryllium					500	490	98	4	480	96	1
Cadmium					500	500	101	4	500	101	1
Calcium					250000	230000	90	4	230000	92	1
Chromium					500	500	101	1	510	102	1
Cobalt					500	530	107	0	550	109	1
Copper					5000	5100	103	1	5300	106	1
Iron					125000	130000	102	0	130000	103	1
Lead					2500	2500	98	4	2500	101	1
Magnesium					250000	270000	107	1	270000	108	0
Manganese					5000	5000	99	0	5000	100	1
Nickel					500	530	106	1	540	108	2
Potassium					125000	120000	99	0	120000	99	1
Selenium					500	500	100	3	510	102	1
Silver					500	490	98	2	490	98	1
Sodium					250000	250000	101	1	250000	101	1
Thallium					500	490	98	4	500	101	1
Vanadium					500	510	102	0	510	103	2
Zinc					5000	5100	102	1	5200	104	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133433 Analytical Method: ICP-MS
 Concentration 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	460	92	0	50000	47000	95	0	48000	96	2
Antimony	200	210	103	1	500	510	102	0	500	100	2
Arsenic	200	200	101	1	500	510	102	1	510	102	1
Barium	100	100	102	1	2500	2600	102	0	2500	100	2
Beryllium	100	100	100	2	500	530	106	1	510	102	2
Cadmium	100	110	108	0	500	530	106	1	520	104	3
Calcium	2000	1900	96	1	250000	250000	98	2	240000	97	3
Chromium	100	99	99	1	500	480	97	2	490	98	1
Cobalt	100	100	100	1	500	510	102	0	510	102	3
Copper	100	95	95	1	5000	4900	98	1	4900	98	2
Iron	2000	2100	104	0	125000	130000	100	1	130000	100	2
Lead	200	200	98	0	2500	2600	103	1	2500	101	2
Magnesium	1200	1100	92	0	250000	240000	97	1	250000	99	2
Manganese	100	97	97	0	5000	4900	98	1	4900	98	1
Nickel	110	100	93	1	500	510	101	1	510	102	2
Potassium	2000	1900	96	2	125000	120000	96	1	120000	97	2
Selenium	200	210	105	0	500	510	103	1	500	99	3
Silver	50.0	53	106	1	500	520	105	1	510	103	3
Sodium	2000	1900	94	1	250000	230000	94	1	240000	96	2
Thallium	210	190	91	1	500	510	102	1	500	100	2
Vanadium	100	95	95	0	500	500	99	2	490	99	0
Zinc	200	200	98	1	5000	5000	101	1	5000	101	2