

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial 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
Molybdenum	5000	4800	96	1	5000	5100	101	0	5100	101	1
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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134112 Analytical Method: ICP-MSConcentration Units: µg/L

	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
Molybdenum					5000	5100	101	0	5100	102	1
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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134112 Analytical Method: ICP-MSConcentration Units: µg/L

	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	50000	101	1	50000	101	1
Antimony					500	490	99	1	500	99	3
Arsenic					500	490	99	2	500	99	0
Barium					2500	2500	99	1	2500	101	2
Beryllium					500	480	96	1	510	102	0
Cadmium					500	470	93	1	470	94	2
Calcium					250000	250000	102	1	250000	100	3
Chromium					500	510	102	0	510	102	0
Cobalt					500	500	100	0	500	100	0
Copper					5000	4900	99	0	4900	99	1
Iron					125000	130000	104	0	130000	104	0
Lead					2500	2600	104	0	2500	102	3
Magnesium					250000	250000	100	0	250000	100	0
Manganese					5000	5000	100	0	5000	100	0
Molybdenum					5000	5100	102	1	5000	100	2
Nickel					500	480	96	0	480	95	1
Potassium					125000	120000	99	1	120000	98	1
Selenium					500	480	97	1	480	95	2
Silver					500	480	96	2	490	99	1
Sodium					250000	250000	101	1	250000	100	0
Thallium					500	520	105	1	520	104	3
Vanadium					500	510	102	2	510	103	1
Zinc					5000	4900	97	1	4800	97	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134112 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	51000	102	1	51000	101	0
Antimony					500	500	101	1	490	98	0
Arsenic					500	490	99	1	490	98	1
Barium					2500	2500	101	0	2500	100	1
Beryllium					500	520	105	1	490	98	2
Cadmium					500	470	95	0	470	94	0
Calcium					250000	260000	103	1	250000	101	1
Chromium					500	510	102	1	500	100	2
Cobalt					500	500	100	1	500	100	1
Copper					5000	4900	98	0	4900	98	0
Iron					125000	130000	104	0	130000	103	1
Lead					2500	2600	103	1	2600	103	2
Magnesium					250000	250000	100	1	250000	100	0
Manganese					5000	5000	100	1	5000	100	0
Molybdenum					5000	5100	103	1	5100	101	0
Nickel					500	480	95	1	480	96	1
Potassium					125000	120000	99	0	120000	98	1
Selenium					500	480	97	2	480	97	0
Silver					500	490	98	1	480	97	1
Sodium					250000	250000	101	1	250000	101	1
Thallium					500	520	105	1	520	104	2
Vanadium					500	520	104	2	520	103	1
Zinc					5000	4900	97	1	4800	97	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134112 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV019				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	48000	96	0			
Antimony					500	490	98	1			
Arsenic					500	490	97	1			
Barium					2500	2500	99	2			
Beryllium					500	480	97	1			
Cadmium					500	470	94	1			
Calcium					250000	250000	102	0			
Chromium					500	500	100	0			
Cobalt					500	500	99	1			
Copper					5000	4900	98	1			
Iron					125000	130000	103	1			
Lead					2500	2500	101	1			
Magnesium					250000	250000	99	0			
Manganese					5000	4900	99	1			
Molybdenum					5000	5000	100	0			
Nickel					500	480	95	1			
Potassium					125000	120000	98	1			
Selenium					500	480	95	1			
Silver					500	480	96	2			
Sodium					250000	250000	99	1			
Thallium					500	510	102	0			
Vanadium					500	510	102	0			
Zinc					5000	4800	96	1			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134140 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV021				ID: CCV022		
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
Molybdenum	5000	4800	96	1	5000	5100	101	0	5100	101	1
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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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134140 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV023				ID: CCV024		
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
Molybdenum					5000	5100	101	0	5100	102	1
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 AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134140 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV025				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			
Molybdenum					5000	5100	102	1			
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			

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ5Initial Calibration Verification Source : MP83629Continuing Calibration Verification Source : MP83632Run Batch: LB134219 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	96	0	50000	50000	100	0	49000	99	0
Antimony	200	210	107	2	500	500	99	2	500	101	2
Arsenic	200	210	106	0	500	480	95	0	490	97	1
Barium	100	100	102	2	2500	2500	99	1	2500	101	1
Beryllium	100	110	105	3	500	480	96	1	500	101	2
Cadmium	100	110	109	2	500	470	95	1	480	95	1
Calcium	2000	2100	105	1	250000	250000	101	1	250000	101	1
Chromium	100	100	104	0	500	490	97	0	490	99	1
Cobalt	100	100	103	0	500	480	95	1	480	96	1
Copper	100	98	98	0	5000	4600	93	0	4700	93	1
Iron	2000	2200	108	1	125000	130000	101	0	130000	102	1
Lead	200	200	100	1	2500	2500	100	0	2500	101	0
Magnesium	1200	1200	100	0	250000	250000	100	0	250000	100	0
Manganese	100	100	102	1	5000	4800	96	0	4900	97	2
Molybdenum	5000	4800	97	1	5000	4900	99	1	5000	99	1
Nickel	110	110	99	0	500	470	94	0	470	94	1
Potassium	2000	2000	101	0	125000	120000	98	1	120000	98	1
Selenium	200	210	106	1	500	470	94	1	480	95	1
Silver	50.0	51	102	2	500	480	97	1	490	98	1
Sodium	2000	2100	103	1	250000	250000	99	0	250000	99	1
Thallium	210	210	98	1	500	500	100	1	510	101	1
Vanadium	100	100	100	1	500	490	98	0	490	99	1
Zinc	200	210	104	1	5000	4600	91	0	4600	92	1