

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69
 Initial Calibration Verification Source : MP83508
 Continuing Calibration Verification Source : MP83511
 Run Batch: LB134036 Analytical Method: ICP-AES
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV008				ID: CCV069				ID: CCV070		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	95	1	400000	410000	103	0	410000	103	0
Antimony	1000	910	91	0	5000	5200	105	0	5300	106	0
Arsenic	1000	1100	109	1	5000	5400	108	0	5400	107	0
Barium	520	510	97	0	10000	10000	103	0	10000	103	0
Beryllium	510	520	101	1	500	520	104	0	520	104	1
Cadmium	510	480	95	0	2500	2500	102	0	2500	101	0
Calcium	10000	9900	99	0	400000	420000	104	0	410000	103	0
Chromium	520	530	102	0	15500	16000	102	0	16000	101	0
Cobalt	520	490	94	0	2500	2500	102	0	2500	102	0
Copper	510	490	95	1	15000	15000	102	0	15000	102	0
Iron	10000	10000	103	1	400000	420000	105	1	420000	104	0
Lead	1000	950	95	1	25000	25000	101	0	25000	101	0
Magnesium	6000	6100	102	3	400000	410000	104	1	410000	104	0
Manganese	520	520	100	1	15000	16000	104	1	16000	104	0
Nickel	530	500	94	0	2500	2500	102	0	2500	102	0
Potassium	9900	9100	92	3	150000	160000	104	1	150000	103	0
Selenium	1000	920	92	0	5000	5200	104	0	5200	104	1
Silver	250	230	94	1	1250	1300	105	0	1300	104	1
Sodium	10000	10000	101	3	400000	420000	104	0	410000	103	0
Thallium	1000	1000	100	0	5000	5000	99	0	4900	98	0
Vanadium	500	500	99	2	2500	2600	102	1	2600	102	1
Zinc	1000	910	91	1	15000	15000	100	0	15000	100	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134036 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV071				ID: CCV072		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	103	0	420000	106	1
Antimony					5000	5300	105	0	5300	105	0
Arsenic					5000	5400	107	0	5300	107	0
Barium					10000	10000	103	0	10000	105	1
Beryllium					500	530	105	0	540	107	1
Cadmium					2500	2600	102	0	2600	103	0
Calcium					400000	420000	105	0	430000	106	1
Chromium					15500	16000	102	1	16000	103	0
Cobalt					2500	2600	102	0	2600	103	0
Copper					15000	16000	104	0	16000	105	1
Iron					400000	420000	105	0	430000	107	1
Lead					25000	25000	102	0	26000	103	0
Magnesium					400000	420000	104	0	420000	106	1
Manganese					15000	16000	104	0	16000	105	1
Nickel					2500	2600	102	0	2600	103	0
Potassium					150000	160000	104	0	160000	105	1
Selenium					5000	5200	104	0	5200	104	0
Silver					1250	1300	105	1	1300	106	0
Sodium					400000	410000	104	1	430000	107	1
Thallium					5000	5000	101	1	5000	101	0
Vanadium					2500	2600	103	1	2600	105	0
Zinc					15000	15000	99	1	15000	102	1

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134036 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV073				ID: CCV074		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	103	0	410000	103	1
Antimony					5000	5000	99	0	4900	99	0
Arsenic					5000	4900	98	0	5100	101	0
Barium					10000	10000	102	0	10000	103	1
Beryllium					500	520	103	0	520	103	1
Cadmium					2500	2500	100	0	2500	100	0
Calcium					400000	410000	103	0	410000	103	1
Chromium					15500	16000	100	0	16000	100	1
Cobalt					2500	2500	101	0	2500	100	0
Copper					15000	15000	101	0	15000	101	1
Iron					400000	420000	104	0	410000	104	1
Lead					25000	25000	99	0	25000	99	0
Magnesium					400000	410000	103	1	410000	103	1
Manganese					15000	15000	101	0	15000	102	1
Nickel					2500	2500	101	0	2500	100	0
Potassium					150000	150000	102	0	150000	101	1
Selenium					5000	4900	98	0	4900	97	0
Silver					1250	1300	102	0	1300	102	1
Sodium					400000	410000	103	0	410000	103	0
Thallium					5000	4900	97	0	4800	96	0
Vanadium					2500	2500	102	0	2500	102	1
Zinc					15000	15000	98	1	15000	99	1

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV009				ID: CCV081				ID: CCV082		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	96	1	400000	410000	102	0	400000	101	0
Antimony	1000	1000	102	0	5000	4900	98	0	4800	96	0
Arsenic	1000	1100	110	0	5000	5000	100	0	4800	96	0
Barium	520	520	101	0	10000	10000	103	0	10000	101	0
Beryllium	510	530	103	1	500	520	103	0	510	101	0
Cadmium	510	500	99	0	2500	2500	100	0	2400	97	0
Calcium	10000	10000	104	0	400000	410000	103	0	400000	101	0
Chromium	520	550	107	0	15500	16000	101	1	15000	99	0
Cobalt	520	500	97	0	2500	2500	100	0	2400	98	0
Copper	510	510	100	0	15000	15000	102	0	15000	100	0
Iron	10000	11000	105	0	400000	420000	104	0	410000	102	0
Lead	1000	980	98	1	25000	25000	100	0	24000	97	0
Magnesium	6000	6300	105	2	400000	410000	102	0	400000	101	0
Manganese	520	530	103	1	15000	15000	102	0	15000	100	0
Nickel	530	510	97	0	2500	2500	101	0	2500	98	0
Potassium	9900	9200	93	3	150000	150000	103	0	150000	101	0
Selenium	1000	950	95	1	5000	4900	98	0	4800	95	0
Silver	250	240	97	0	1250	1300	104	1	1300	103	1
Sodium	10000	9100	91	4	400000	410000	102	1	410000	102	0
Thallium	1000	1000	102	0	5000	4900	99	0	4800	95	0
Vanadium	500	510	103	2	2500	2600	103	0	2500	100	0
Zinc	1000	940	94	1	15000	15000	99	1	14000	94	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV083				ID: CCV084		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	103	0	400000	101	1
Antimony					5000	5000	100	0	4800	97	0
Arsenic					5000	5100	103	0	4900	98	0
Barium					10000	10000	103	1	10000	101	1
Beryllium					500	520	103	1	510	101	1
Cadmium					2500	2500	100	0	2500	99	0
Calcium					400000	410000	104	0	400000	101	1
Chromium					15500	16000	102	1	15000	99	0
Cobalt					2500	2500	100	0	2500	99	0
Copper					15000	15000	103	0	15000	100	1
Iron					400000	420000	104	1	410000	102	1
Lead					25000	25000	100	0	25000	98	0
Magnesium					400000	410000	103	0	400000	100	1
Manganese					15000	15000	102	0	15000	99	1
Nickel					2500	2500	101	0	2500	100	0
Potassium					150000	150000	103	0	150000	100	1
Selenium					5000	5000	99	0	4800	97	0
Silver					1250	1300	106	1	1300	103	0
Sodium					400000	410000	102	0	410000	101	2
Thallium					5000	4800	97	0	4800	96	0
Vanadium					2500	2600	103	0	2500	100	1
Zinc					15000	15000	102	0	15000	98	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV085				ID: CCV086		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	1	400000	101	0
Antimony					5000	4800	95	0	4800	97	0
Arsenic					5000	4900	97	0	4800	96	0
Barium					10000	10000	101	1	10000	102	0
Beryllium					500	500	100	1	510	101	0
Cadmium					2500	2400	98	0	2500	99	0
Calcium					400000	400000	101	0	410000	101	0
Chromium					15500	15000	97	0	15000	99	0
Cobalt					2500	2400	97	0	2500	99	0
Copper					15000	15000	99	0	15000	100	0
Iron					400000	410000	101	1	410000	102	0
Lead					25000	24000	97	0	24000	98	0
Magnesium					400000	400000	100	1	400000	101	0
Manganese					15000	15000	99	1	15000	100	0
Nickel					2500	2500	99	0	2500	99	0
Potassium					150000	150000	100	0	150000	100	0
Selenium					5000	4800	96	0	4800	96	0
Silver					1250	1300	102	0	1300	103	0
Sodium					400000	400000	101	0	400000	101	0
Thallium					5000	4700	95	0	4700	95	0
Vanadium					2500	2500	100	0	2500	100	0
Zinc					15000	15000	99	1	15000	100	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69
 Initial Calibration Verification Source : MP83508
 Continuing Calibration Verification Source : MP83511
 Run Batch: LB134057 Analytical Method: ICP-AES
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV087				ID: CCV088		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	1	400000	99	0
Antimony					5000	4800	95	0	4700	95	0
Arsenic					5000	4800	96	0	4800	95	0
Barium					10000	10000	101	1	10000	100	0
Beryllium					500	500	100	1	500	100	0
Cadmium					2500	2400	98	0	2400	98	0
Calcium					400000	400000	100	0	400000	99	0
Chromium					15500	15000	98	0	15000	98	1
Cobalt					2500	2500	98	0	2500	98	0
Copper					15000	15000	99	1	15000	98	0
Iron					400000	400000	100	1	400000	100	0
Lead					25000	24000	97	0	24000	97	0
Magnesium					400000	400000	99	1	390000	98	0
Manganese					15000	15000	99	1	15000	98	0
Nickel					2500	2500	99	0	2500	98	0
Potassium					150000	150000	99	1	150000	99	0
Selenium					5000	4700	95	0	4700	94	0
Silver					1250	1300	102	0	1300	101	1
Sodium					400000	400000	99	1	400000	99	0
Thallium					5000	4700	94	1	4700	93	0
Vanadium					2500	2500	99	1	2500	98	0
Zinc					15000	15000	98	1	14000	97	1

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV089				ID: CCV090		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	103	0	400000	100	1
Antimony					5000	4900	98	0	4700	94	0
Arsenic					5000	5100	101	0	4800	96	0
Barium					10000	10000	103	0	10000	100	1
Beryllium					500	520	104	0	500	101	1
Cadmium					2500	2500	100	0	2400	98	0
Calcium					400000	410000	102	0	400000	100	1
Chromium					15500	16000	100	0	15000	98	0
Cobalt					2500	2500	99	0	2400	97	0
Copper					15000	15000	101	0	15000	99	1
Iron					400000	410000	103	0	400000	100	1
Lead					25000	25000	99	0	24000	97	0
Magnesium					400000	410000	102	0	400000	99	1
Manganese					15000	15000	101	0	15000	98	1
Nickel					2500	2500	100	0	2500	98	0
Potassium					150000	150000	102	0	150000	99	1
Selenium					5000	4900	97	0	4700	94	0
Silver					1250	1300	104	0	1300	102	0
Sodium					400000	410000	102	0	390000	99	1
Thallium					5000	4800	95	0	4700	93	0
Vanadium					2500	2500	101	1	2400	98	1
Zinc					15000	15000	102	1	15000	99	0

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV091				ID: CCV092		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	410000	101	0
Antimony					5000	4700	94	0	4800	95	0
Arsenic					5000	4800	96	0	4900	97	0
Barium					10000	10000	100	0	10000	102	0
Beryllium					500	510	101	1	510	102	1
Cadmium					2500	2500	98	0	2500	99	0
Calcium					400000	400000	100	1	410000	101	0
Chromium					15500	15000	99	0	15000	99	0
Cobalt					2500	2400	98	0	2400	98	0
Copper					15000	15000	100	1	15000	101	0
Iron					400000	400000	100	1	410000	101	0
Lead					25000	24000	97	0	24000	98	0
Magnesium					400000	400000	99	0	400000	101	0
Manganese					15000	15000	98	1	15000	99	0
Nickel					2500	2500	98	0	2500	99	0
Potassium					150000	150000	100	0	150000	101	0
Selenium					5000	4700	94	0	4800	95	0
Silver					1250	1300	102	0	1300	103	0
Sodium					400000	400000	99	0	410000	102	0
Thallium					5000	4700	94	0	4700	94	0
Vanadium					2500	2500	98	1	2500	100	1
Zinc					15000	15000	99	0	15000	97	0

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV093				ID: CCV094		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	0	390000	98	2
Antimony					5000	4800	95	0	4600	92	0
Arsenic					5000	4900	98	0	4800	96	0
Barium					10000	10000	103	1	9900	99	2
Beryllium					500	520	103	1	500	99	1
Cadmium					2500	2500	99	0	2400	96	0
Calcium					400000	410000	102	0	400000	99	2
Chromium					15500	15000	99	0	15000	96	0
Cobalt					2500	2500	98	0	2400	94	0
Copper					15000	15000	101	0	15000	98	2
Iron					400000	410000	102	0	400000	99	2
Lead					25000	25000	98	0	24000	95	0
Magnesium					400000	410000	101	0	390000	98	2
Manganese					15000	15000	99	0	14000	96	2
Nickel					2500	2500	99	0	2400	97	0
Potassium					150000	150000	101	0	150000	98	2
Selenium					5000	4800	96	0	4700	93	1
Silver					1250	1300	103	0	1300	101	0
Sodium					400000	410000	103	1	400000	101	2
Thallium					5000	4800	96	0	4600	93	0
Vanadium					2500	2500	100	1	2400	97	3
Zinc					15000	15000	98	1	14000	94	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69
 Initial Calibration Verification Source : MP83508
 Continuing Calibration Verification Source : MP83511
 Run Batch: LB134057 Analytical Method: ICP-AES
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV095				ID: CCV096		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	98	1	390000	97	1
Antimony					5000	4500	91	0	4500	90	0
Arsenic					5000	4900	97	0	4800	97	0
Barium					10000	10000	100	1	9900	99	0
Beryllium					500	500	100	0	500	100	1
Cadmium					2500	2400	96	0	2400	95	0
Calcium					400000	400000	100	0	400000	99	0
Chromium					15500	15000	94	0	15000	94	0
Cobalt					2500	2300	93	0	2300	92	0
Copper					15000	15000	98	1	15000	98	0
Iron					400000	400000	100	1	400000	99	1
Lead					25000	24000	95	0	23000	94	0
Magnesium					400000	400000	99	1	390000	98	1
Manganese					15000	15000	97	1	14000	96	0
Nickel					2500	2400	96	0	2400	95	0
Potassium					150000	150000	100	1	150000	100	0
Selenium					5000	4600	92	0	4600	92	0
Silver					1250	1300	101	0	1300	100	0
Sodium					400000	410000	104	1	410000	103	0
Thallium					5000	4600	93	0	4600	92	0
Vanadium					2500	2500	99	0	2400	98	1
Zinc					15000	14000	95	1	14000	92	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ69Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB134057 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV097				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	97	0			
Antimony					5000	4500	90	0			
Arsenic					5000	4800	97	0			
Barium					10000	9800	98	0			
Beryllium					500	500	99	1			
Cadmium					2500	2400	95	0			
Calcium					400000	400000	99	0			
Chromium					15500	14000	93	0			
Cobalt					2500	2300	91	0			
Copper					15000	15000	98	1			
Iron					400000	390000	99	1			
Lead					25000	23000	93	0			
Magnesium					400000	390000	98	0			
Manganese					15000	14000	96	1			
Nickel					2500	2400	94	0			
Potassium					150000	150000	100	0			
Selenium					5000	4600	91	0			
Silver					1250	1300	100	0			
Sodium					400000	410000	102	0			
Thallium					5000	4600	92	1			
Vanadium					2500	2400	97	0			
Zinc					15000	14000	94	1			