

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133902 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV015				ID: CCV097				ID: CCV098		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	96	1	400000	390000	98	0	390000	98	4
Antimony	1000	910	91	1	5000	4700	94	0	4800	95	1
Arsenic	1000	1000	103	0	5000	4800	96	0	4900	97	0
Barium	520	520	99	1	10000	9900	99	0	9800	98	4
Beryllium	510	530	103	0	500	490	99	1	490	98	4
Cadmium	510	480	94	1	2500	2500	98	0	2500	99	1
Calcium	10000	10000	104	1	400000	400000	99	0	390000	98	4
Chromium	520	560	107	0	15500	15000	99	0	15000	98	2
Cobalt	520	510	98	1	2500	2500	99	0	2500	99	1
Copper	510	500	99	2	15000	15000	98	0	15000	97	4
Iron	10000	11000	106	0	400000	400000	100	0	400000	99	4
Lead	1000	980	98	1	25000	24000	97	0	25000	98	1
Magnesium	6000	6000	101	1	400000	400000	99	0	390000	98	4
Manganese	520	530	102	1	15000	15000	97	0	14000	96	4
Nickel	530	510	97	1	2500	2500	99	0	2500	100	1
Potassium	9900	8900	90	1	150000	150000	100	0	150000	100	4
Selenium	1000	910	91	1	5000	4700	94	1	4700	95	1
Silver	250	250	99	0	1250	1300	101	0	1300	100	2
Sodium	10000	9600	96	4	400000	390000	97	0	380000	96	4
Thallium	1000	1000	100	1	5000	4800	97	0	4900	97	1
Vanadium	500	510	103	0	2500	2500	99	0	2400	98	4
Zinc	1000	1000	104	0	15000	14000	94	0	14000	94	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133932 Analytical Method: ICP-AESConcentration 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	2500	2400	96	2	400000	400000	99	0	400000	100	1
Antimony	1000	900	90	1	5000	4700	94	0	4800	96	1
Arsenic	1000	1000	102	0	5000	4800	96	0	5100	102	0
Barium	520	510	99	0	10000	9900	99	0	10000	102	1
Beryllium	510	530	105	1	500	510	101	1	510	102	0
Cadmium	510	480	93	0	2500	2400	96	0	2500	99	0
Calcium	10000	10000	102	1	400000	400000	100	0	410000	102	0
Chromium	520	560	108	1	15500	15000	98	0	15000	98	1
Cobalt	520	510	98	0	2500	2400	98	0	2400	97	0
Copper	510	500	98	2	15000	15000	98	0	15000	101	0
Iron	10000	11000	105	0	400000	400000	101	0	410000	103	0
Lead	1000	970	97	0	25000	24000	97	0	24000	98	0
Magnesium	6000	6100	102	1	400000	390000	99	0	400000	101	1
Manganese	520	530	102	0	15000	15000	98	0	15000	102	1
Nickel	530	510	96	0	2500	2500	98	0	2500	99	0
Potassium	9900	9000	91	2	150000	150000	99	0	150000	101	1
Selenium	1000	910	91	1	5000	4600	92	0	4800	96	0
Silver	250	250	100	0	1250	1200	99	0	1300	101	1
Sodium	10000	10000	102	4	400000	390000	99	0	400000	100	1
Thallium	1000	980	98	0	5000	4700	94	0	4800	96	0
Vanadium	500	510	103	0	2500	2500	99	0	2600	103	1
Zinc	1000	1000	102	1	15000	14000	92	0	14000	93	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133932 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	97	1			
Antimony					5000	4600	92	3			
Arsenic					5000	4700	94	0			
Barium					10000	9700	97	1			
Beryllium					500	500	100	1			
Cadmium					2500	2300	93	3			
Calcium					400000	400000	100	1			
Chromium					15500	15000	97	0			
Cobalt					2500	2300	94	3			
Copper					15000	15000	99	1			
Iron					400000	400000	100	1			
Lead					25000	24000	95	3			
Magnesium					400000	380000	96	1			
Manganese					15000	15000	98	1			
Nickel					2500	2400	96	3			
Potassium					150000	140000	96	1			
Selenium					5000	4900	97	3			
Silver					1250	1200	100	0			
Sodium					400000	390000	97	1			
Thallium					5000	4500	91	3			
Vanadium					2500	2500	98	1			
Zinc					15000	14000	94	1			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133949 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV007				ID: CCV008		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	95	0	400000	380000	94	0	380000	94	0
Antimony	1000	920	92	0	5000	4600	92	0	4600	92	0
Arsenic	1000	1100	109	0	5000	4700	95	0	4800	97	0
Barium	520	530	101	0	10000	9700	97	0	9700	97	0
Beryllium	510	520	103	0	500	480	95	0	480	95	0
Cadmium	510	500	97	0	2500	2400	94	0	2400	95	0
Calcium	10000	10000	102	1	400000	390000	98	0	390000	97	0
Chromium	520	560	107	1	15500	15000	95	0	15000	95	0
Cobalt	520	500	96	0	2500	2300	94	0	2400	94	0
Copper	510	510	100	0	15000	15000	98	0	15000	97	0
Iron	10000	11000	105	1	400000	390000	98	0	390000	97	0
Lead	1000	970	97	0	25000	23000	94	0	24000	95	0
Magnesium	6000	6200	104	0	400000	380000	95	0	380000	94	0
Manganese	520	540	104	0	15000	15000	98	0	14000	96	0
Nickel	530	510	96	0	2500	2400	95	0	2400	96	0
Potassium	9900	9500	96	2	150000	140000	96	0	140000	96	0
Selenium	1000	940	94	0	5000	4500	90	0	4600	92	0
Silver	250	260	103	0	1250	1200	98	0	1200	97	0
Sodium	10000	11000	106	3	400000	380000	95	0	380000	95	0
Thallium	1000	1000	104	1	5000	4800	97	0	4800	97	0
Vanadium	500	510	103	1	2500	2400	97	1	2400	97	0
Zinc	1000	1100	110	0	15000	14000	93	0	14000	93	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV009				ID: CCV010		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	380000	94	0	380000	96	0
Antimony					5000	4700	94	1	4600	92	0
Arsenic					5000	4800	97	0	4800	96	0
Barium					10000	9700	97	0	9700	97	0
Beryllium					500	480	96	0	480	96	1
Cadmium					2500	2400	95	0	2400	95	0
Calcium					400000	390000	97	1	390000	99	1
Chromium					15500	15000	94	0	15000	94	1
Cobalt					2500	2400	94	0	2300	93	0
Copper					15000	15000	97	0	15000	99	0
Iron					400000	390000	97	0	390000	99	0
Lead					25000	24000	95	0	24000	95	0
Magnesium					400000	380000	94	0	380000	95	1
Manganese					15000	14000	96	0	15000	98	0
Nickel					2500	2400	96	0	2400	96	0
Potassium					150000	140000	96	0	140000	95	0
Selenium					5000	4500	90	0	4500	90	0
Silver					1250	1200	97	0	1200	98	1
Sodium					400000	380000	94	1	380000	96	1
Thallium					5000	4800	97	1	4900	99	0
Vanadium					2500	2400	97	1	2500	98	0
Zinc					15000	14000	91	0	14000	91	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133949 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV011				ID: CCV012		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	380000	95	0	380000	95	0
Antimony					5000	4700	93	0	4700	94	2
Arsenic					5000	4900	98	0	4900	98	1
Barium					10000	9800	98	0	9700	97	0
Beryllium					500	480	95	0	480	96	1
Cadmium					2500	2400	96	0	2400	96	2
Calcium					400000	400000	100	0	400000	100	0
Chromium					15500	15000	95	0	15000	94	0
Cobalt					2500	2300	93	0	2300	93	2
Copper					15000	15000	99	0	15000	99	0
Iron					400000	400000	99	0	390000	99	0
Lead					25000	24000	96	0	24000	96	2
Magnesium					400000	380000	94	0	370000	94	0
Manganese					15000	15000	99	0	15000	98	0
Nickel					2500	2400	96	0	2400	96	2
Potassium					150000	140000	95	0	140000	94	0
Selenium					5000	4600	92	0	4600	92	2
Silver					1250	1200	100	0	1200	99	0
Sodium					400000	380000	96	0	380000	95	1
Thallium					5000	5100	102	0	5100	102	2
Vanadium					2500	2500	98	1	2500	99	1
Zinc					15000	14000	93	0	14000	91	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133949 Analytical Method: ICP-AESConcentration 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					400000	380000	95	3	390000	97	0
Antimony					5000	4800	96	1	4800	97	1
Arsenic					5000	5100	101	0	5000	100	0
Barium					10000	9900	99	3	10000	100	1
Beryllium					500	480	97	3	490	98	1
Cadmium					2500	2400	98	1	2400	98	0
Calcium					400000	400000	100	3	410000	101	0
Chromium					15500	15000	98	2	15000	97	0
Cobalt					2500	2400	95	1	2400	95	1
Copper					15000	15000	100	3	15000	101	1
Iron					400000	390000	98	3	390000	99	1
Lead					25000	25000	99	1	25000	98	1
Magnesium					400000	380000	94	3	380000	96	1
Manganese					15000	15000	100	3	15000	100	1
Nickel					2500	2500	98	1	2500	99	0
Potassium					150000	140000	95	3	140000	97	1
Selenium					5000	4700	95	1	4700	95	1
Silver					1250	1300	104	1	1300	103	0
Sodium					400000	380000	94	3	380000	96	1
Thallium					5000	5300	105	1	5200	105	0
Vanadium					2500	2500	100	3	2500	101	1
Zinc					15000	14000	93	2	14000	92	0

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133959 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV004				ID: CCV029				ID: CCV030		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	95	0	400000	390000	97	0	390000	98	0
Antimony	1000	950	95	1	5000	4600	92	0	4600	93	0
Arsenic	1000	1000	104	0	5000	4700	94	1	4800	96	0
Barium	520	510	98	0	10000	9700	97	0	9800	98	0
Beryllium	510	510	99	0	500	480	96	0	480	96	0
Cadmium	510	480	94	1	2500	2400	95	0	2400	95	0
Calcium	10000	10000	101	1	400000	400000	99	0	400000	100	0
Chromium	520	530	102	0	15500	15000	95	0	15000	95	0
Cobalt	520	480	93	0	2500	2400	94	0	2400	94	0
Copper	510	490	97	1	15000	15000	98	0	15000	98	0
Iron	10000	10000	104	1	400000	400000	100	0	400000	100	0
Lead	1000	940	94	1	25000	24000	95	0	24000	95	0
Magnesium	6000	6200	103	2	400000	390000	97	0	390000	97	0
Manganese	520	520	100	0	15000	14000	97	0	15000	97	0
Nickel	530	490	93	1	2500	2400	95	0	2400	96	0
Potassium	9900	9300	94	1	150000	140000	96	0	150000	97	0
Selenium	1000	920	92	1	5000	4500	91	1	4600	92	0
Silver	250	240	98	1	1250	1200	96	0	1200	97	0
Sodium	10000	10000	101	3	400000	400000	99	0	400000	99	0
Thallium	1000	990	99	1	5000	4800	95	0	4900	97	0
Vanadium	500	500	101	2	2500	2400	96	1	2400	97	2
Zinc	1000	930	93	1	15000	15000	98	1	15000	98	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7
 Initial Calibration Verification Source : MP83508
 Continuing Calibration Verification Source : MP83511
 Run Batch: LB133959 Analytical Method: ICP-AES
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV031				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	97	1			
Antimony					5000	4600	92	0			
Arsenic					5000	4800	96	1			
Barium					10000	9700	97	1			
Beryllium					500	480	95	1			
Cadmium					2500	2400	95	0			
Calcium					400000	390000	99	1			
Chromium					15500	15000	94	1			
Cobalt					2500	2400	94	0			
Copper					15000	14000	96	1			
Iron					400000	400000	99	1			
Lead					25000	24000	95	0			
Magnesium					400000	390000	96	1			
Manganese					15000	14000	95	1			
Nickel					2500	2400	95	0			
Potassium					150000	140000	97	1			
Selenium					5000	4600	92	0			
Silver					1250	1200	95	1			
Sodium					400000	390000	98	1			
Thallium					5000	4800	95	0			
Vanadium					2500	2400	95	1			
Zinc					15000	14000	96	0			