

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.: MBHHA5Initial Calibration Verification Source : MP83143Continuing Calibration Verification Source : MP83146Run Batch: LB133543 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV006				ID: CCV034				ID: CCV035		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	97	1	400000	430000	107	3	410000	103	0
Antimony	1000	920	92	0	5000	5000	100	0	4900	98	1
Arsenic	1000	910	91	1	5000	5200	105	0	5100	101	0
Barium	520	530	102	0	10000	11000	106	2	10000	101	0
Beryllium	510	520	102	0	500	510	102	2	500	99	0
Cadmium	510	490	97	0	2500	2500	101	0	2500	99	0
Calcium	10000	10000	103	0	400000	420000	104	3	400000	101	0
Chromium	520	550	105	0	15500	15000	99	0	15000	97	0
Cobalt	520	500	96	0	2500	2600	102	0	2500	100	0
Copper	510	500	97	1	15000	16000	104	3	15000	100	0
Iron	10000	11000	108	0	400000	430000	108	3	410000	104	0
Lead	1000	990	99	0	25000	25000	101	0	25000	99	0
Magnesium	6000	5500	92	0	400000	420000	104	3	400000	101	0
Manganese	520	530	102	0	15000	15000	101	2	15000	97	0
Nickel	530	510	96	0	2500	2500	101	0	2500	99	0
Potassium	9900	9300	94	1	150000	160000	104	3	150000	101	0
Selenium	1000	940	94	0	5000	4900	99	0	4800	96	1
Silver	250	230	93	0	1250	1300	101	0	1200	99	0
Sodium	10000	9900	99	2	400000	430000	107	3	410000	103	0
Thallium	1000	1100	105	1	5000	4900	97	0	4800	96	0
Vanadium	500	540	109	1	2500	2600	104	3	2500	100	0
Zinc	1000	910	91	0	15000	15000	98	0	14000	96	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV036				ID: CCV037		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0	400000	99	0
Antimony					5000	4800	95	0	4700	94	2
Arsenic					5000	5000	100	0	4900	98	2
Barium					10000	9900	99	0	9800	98	0
Beryllium					500	480	97	1	480	97	0
Cadmium					2500	2400	97	0	2400	96	1
Calcium					400000	390000	98	0	390000	97	0
Chromium					15500	15000	95	0	15000	94	0
Cobalt					2500	2400	98	0	2400	97	1
Copper					15000	15000	97	0	14000	96	0
Iron					400000	400000	101	0	400000	100	0
Lead					25000	24000	97	0	24000	96	2
Magnesium					400000	400000	99	0	390000	97	0
Manganese					15000	14000	94	0	14000	93	0
Nickel					2500	2400	97	0	2400	96	1
Potassium					150000	150000	98	0	150000	97	0
Selenium					5000	4700	94	1	4600	93	2
Silver					1250	1200	97	0	1200	96	0
Sodium					400000	400000	101	0	400000	99	0
Thallium					5000	4700	94	0	4700	94	2
Vanadium					2500	2400	97	1	2400	96	1
Zinc					15000	14000	93	0	14000	93	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV038				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0			
Antimony					5000	4800	95	0			
Arsenic					5000	5000	100	0			
Barium					10000	9900	99	0			
Beryllium					500	480	97	1			
Cadmium					2500	2400	97	0			
Calcium					400000	390000	98	0			
Chromium					15500	15000	95	0			
Cobalt					2500	2400	98	0			
Copper					15000	15000	97	0			
Iron					400000	410000	101	0			
Lead					25000	24000	97	0			
Magnesium					400000	390000	98	0			
Manganese					15000	14000	94	0			
Nickel					2500	2400	97	0			
Potassium					150000	150000	99	0			
Selenium					5000	4700	94	0			
Silver					1250	1200	96	0			
Sodium					400000	400000	101	0			
Thallium					5000	4700	94	0			
Vanadium					2500	2400	97	1			
Zinc					15000	14000	93	0			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHA5Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133883 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV014				ID: CCV089				ID: CCV090		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	97	1	400000	410000	102	0	400000	100	0
Antimony	1000	910	91	0	5000	4900	98	0	4800	97	0
Arsenic	1000	1000	104	0	5000	5000	100	1	4900	99	0
Barium	520	520	100	1	10000	10000	104	0	10000	101	0
Beryllium	510	520	102	1	500	510	103	0	500	101	1
Cadmium	510	480	93	0	2500	2500	102	0	2500	100	0
Calcium	10000	10000	102	2	400000	410000	104	0	410000	101	0
Chromium	520	550	106	0	15500	16000	102	0	16000	101	0
Cobalt	520	500	96	0	2500	2600	102	1	2500	101	0
Copper	510	500	98	2	15000	15000	102	0	15000	100	0
Iron	10000	11000	106	1	400000	420000	104	0	410000	102	0
Lead	1000	970	97	0	25000	25000	101	0	25000	100	0
Magnesium	6000	6000	101	1	400000	420000	105	0	410000	102	0
Manganese	520	530	101	1	15000	15000	102	0	15000	100	0
Nickel	530	510	96	0	2500	2600	103	0	2500	101	0
Potassium	9900	9400	95	4	150000	160000	104	0	150000	102	0
Selenium	1000	930	93	0	5000	4900	97	0	4800	95	1
Silver	250	250	99	0	1250	1300	102	0	1300	100	0
Sodium	10000	10000	101	2	400000	410000	102	0	400000	100	0
Thallium	1000	980	98	0	5000	5000	100	0	4900	98	0
Vanadium	500	510	101	1	2500	2600	102	0	2500	101	0
Zinc	1000	1100	110	1	15000	15000	99	1	15000	99	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHA5Initial Calibration Verification Source : MP83508Continuing Calibration Verification Source : MP83511Run Batch: LB133883 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	99	1	400000	100	1
Antimony					5000	4800	96	1	4800	97	0
Arsenic					5000	4800	97	0	4900	98	0
Barium					10000	10000	100	1	10000	100	1
Beryllium					500	500	100	2	500	100	1
Cadmium					2500	2500	99	0	2500	100	0
Calcium					400000	400000	100	1	410000	102	1
Chromium					15500	15000	100	0	16000	101	1
Cobalt					2500	2500	101	0	2500	101	0
Copper					15000	15000	99	1	15000	100	1
Iron					400000	400000	101	1	410000	102	1
Lead					25000	25000	99	0	25000	99	0
Magnesium					400000	400000	99	1	400000	101	1
Manganese					15000	15000	97	1	15000	98	1
Nickel					2500	2500	100	0	2500	101	0
Potassium					150000	150000	100	1	150000	102	1
Selenium					5000	4700	94	0	4800	95	0
Silver					1250	1200	99	0	1300	100	0
Sodium					400000	390000	99	1	400000	99	1
Thallium					5000	4900	98	0	4900	98	0
Vanadium					2500	2500	100	1	2500	101	1
Zinc					15000	14000	95	1	14000	93	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV093				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	99	0			
Antimony					5000	4800	96	0			
Arsenic					5000	4900	98	0			
Barium					10000	10000	100	0			
Beryllium					500	500	100	1			
Cadmium					2500	2500	99	0			
Calcium					400000	400000	101	0			
Chromium					15500	15000	100	0			
Cobalt					2500	2500	100	0			
Copper					15000	15000	100	0			
Iron					400000	400000	100	0			
Lead					25000	25000	99	0			
Magnesium					400000	400000	100	0			
Manganese					15000	15000	97	0			
Nickel					2500	2500	100	0			
Potassium					150000	150000	101	0			
Selenium					5000	4700	94	0			
Silver					1250	1200	99	0			
Sodium					400000	400000	99	0			
Thallium					5000	4900	97	0			
Vanadium					2500	2500	101	1			
Zinc					15000	14000	92	1			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHA5Initial 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