

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.: MBHGG2Initial Calibration Verification Source : MP83143Continuing Calibration Verification Source : MP83146Run Batch: LB133566 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV007				ID: CCV041				ID: CCV042		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	96	0	400000	400000	101	0	400000	101	0
Antimony	1000	910	91	1	5000	4800	96	1	4700	94	0
Arsenic	1000	910	91	1	5000	5000	101	0	4900	99	0
Barium	520	530	101	0	10000	10000	101	0	10000	100	0
Beryllium	510	520	101	0	500	490	98	0	490	99	0
Cadmium	510	500	98	0	2500	2500	99	0	2400	98	0
Calcium	10000	10000	101	0	400000	400000	100	0	400000	99	0
Chromium	520	560	107	0	15500	15000	98	0	15000	96	0
Cobalt	520	500	97	0	2500	2500	99	0	2400	98	0
Copper	510	490	96	1	15000	15000	99	0	15000	98	0
Iron	10000	11000	108	0	400000	410000	102	0	410000	102	0
Lead	1000	1000	100	0	25000	25000	98	0	24000	97	0
Magnesium	6000	5500	91	0	400000	400000	99	0	400000	99	0
Manganese	520	530	102	1	15000	15000	98	0	15000	97	0
Nickel	530	510	96	0	2500	2500	99	0	2400	97	0
Potassium	9900	10000	101	1	150000	150000	101	0	150000	101	0
Selenium	1000	930	93	0	5000	4800	95	0	4600	93	0
Silver	250	240	95	0	1250	1200	100	0	1200	98	0
Sodium	10000	9500	95	2	400000	400000	100	0	400000	99	0
Thallium	1000	1100	107	0	5000	4900	97	0	4700	95	0
Vanadium	500	540	107	1	2500	2500	99	0	2400	98	0
Zinc	1000	950	95	0	15000	15000	97	0	14000	96	1

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Analyte	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV043				ID: CCV044		
	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	3	400000	99	2
Antimony					5000	4700	93	0	4700	93	0
Arsenic					5000	4900	99	0	4900	98	0
Barium					10000	10000	102	3	9900	99	2
Beryllium					500	500	101	3	490	97	1
Cadmium					2500	2400	97	0	2400	97	0
Calcium					400000	400000	101	4	390000	99	2
Chromium					15500	15000	96	0	15000	96	0
Cobalt					2500	2400	97	0	2400	97	0
Copper					15000	15000	100	3	15000	97	2
Iron					400000	410000	103	3	410000	103	1
Lead					25000	24000	96	0	24000	96	0
Magnesium					400000	400000	101	4	390000	98	2
Manganese					15000	15000	98	4	14000	96	2
Nickel					2500	2400	96	0	2400	97	0
Potassium					150000	150000	102	3	150000	99	1
Selenium					5000	4600	92	0	4600	92	0
Silver					1250	1200	98	0	1200	98	0
Sodium					400000	400000	101	3	400000	99	1
Thallium					5000	4700	94	0	4700	95	0
Vanadium					2500	2500	99	3	2400	96	1
Zinc					15000	14000	95	1	14000	96	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV045				ID: CCV046		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	400000	99	0
Antimony					5000	4700	95	0	4700	95	0
Arsenic					5000	5000	101	1	5000	101	0
Barium					10000	10000	102	0	10000	102	0
Beryllium					500	490	98	1	490	97	0
Cadmium					2500	2500	99	0	2500	99	0
Calcium					400000	410000	102	0	410000	102	0
Chromium					15500	15000	96	0	15000	97	2
Cobalt					2500	2500	99	0	2500	99	0
Copper					15000	15000	98	0	15000	97	0
Iron					400000	410000	104	0	410000	103	0
Lead					25000	24000	98	0	24000	98	0
Magnesium					400000	400000	100	0	400000	99	0
Manganese					15000	15000	97	0	15000	97	0
Nickel					2500	2500	98	0	2500	98	0
Potassium					150000	150000	101	0	150000	101	0
Selenium					5000	4700	93	0	4600	93	0
Silver					1250	1200	99	0	1300	101	2
Sodium					400000	400000	99	0	400000	99	0
Thallium					5000	4800	95	0	4800	96	0
Vanadium					2500	2400	97	0	2400	96	0
Zinc					15000	15000	97	0	15000	97	2

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 Continuing Calibration Verification Source : MP83146
 Run Batch: LB133566 Analytical Method: ICP-AES
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV047				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	380000	94	7			
Antimony					5000	4700	93	0			
Arsenic					5000	4900	98	1			
Barium					10000	9600	96	7			
Beryllium					500	470	94	6			
Cadmium					2500	2400	97	0			
Calcium					400000	390000	96	7			
Chromium					15500	15000	96	2			
Cobalt					2500	2400	97	0			
Copper					15000	14000	92	7			
Iron					400000	390000	98	8			
Lead					25000	24000	96	0			
Magnesium					400000	380000	95	7			
Manganese					15000	14000	93	7			
Nickel					2500	2400	97	0			
Potassium					150000	140000	96	7			
Selenium					5000	4500	91	1			
Silver					1250	1200	100	2			
Sodium					400000	380000	94	7			
Thallium					5000	4700	94	0			
Vanadium					2500	2300	91	7			
Zinc					15000	14000	96	2			