

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDAE7Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133036 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV006				ID: CCV038				ID: CCV039		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	97	0	400000	390000	98	0	400000	100	0
Antimony	1000	1100	110	0	5000	4600	93	0	4700	95	0
Arsenic	1000	1000	102	1	5000	4800	96	0	4900	97	0
Barium	520	520	101	0	10000	9800	98	0	9800	98	0
Beryllium	510	540	107	0	500	480	96	1	490	99	0
Cadmium	510	490	96	0	2500	2400	96	0	2400	97	0
Calcium	10000	10000	102	1	400000	390000	98	0	400000	100	0
Chromium	520	570	109	1	15500	15000	98	0	15000	96	0
Cobalt	520	500	97	0	2500	2400	96	0	2400	98	0
Copper	510	500	98	0	15000	15000	97	0	15000	97	0
Iron	10000	11000	109	0	400000	390000	99	0	400000	101	0
Lead	1000	990	99	0	25000	24000	94	0	24000	96	0
Magnesium	6000	5800	97	1	400000	400000	100	0	400000	100	0
Manganese	520	540	105	0	15000	14000	97	0	15000	98	0
Nickel	530	510	97	0	2500	2400	96	0	2400	97	0
Potassium	9900	9900	100	1	150000	150000	99	0	150000	99	0
Selenium	1000	1100	108	0	5000	5100	102	0	4700	94	0
Silver	250	250	100	0	1250	1200	98	0	1300	101	0
Sodium	10000	9400	94	3	400000	390000	98	0	390000	99	0
Thallium	1000	1000	102	1	5000	4700	94	0	4700	94	0
Vanadium	500	530	106	2	2500	2400	97	0	2400	98	1
Zinc	1000	1100	106	1	15000	14000	93	1	14000	93	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV040				ID: CCV041		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	400000	99	0
Antimony					5000	4700	94	0	4700	94	0
Arsenic					5000	4800	96	0	4800	96	1
Barium					10000	9800	98	0	9800	98	0
Beryllium					500	490	99	0	500	99	1
Cadmium					2500	2400	97	0	2400	96	0
Calcium					400000	400000	99	0	400000	99	0
Chromium					15500	15000	96	0	15000	96	0
Cobalt					2500	2400	97	0	2400	97	0
Copper					15000	15000	97	0	14000	97	0
Iron					400000	400000	100	0	400000	100	0
Lead					25000	24000	95	0	24000	95	0
Magnesium					400000	400000	101	0	400000	100	0
Manganese					15000	15000	98	0	15000	97	0
Nickel					2500	2400	97	0	2400	96	0
Potassium					150000	150000	99	0	150000	100	0
Selenium					5000	5100	103	0	4600	93	0
Silver					1250	1200	100	0	1200	99	0
Sodium					400000	390000	98	0	400000	99	0
Thallium					5000	4700	94	1	4700	93	1
Vanadium					2500	2400	97	0	2400	97	0
Zinc					15000	14000	93	0	14000	92	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV042				ID: CCV043		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	99	0	390000	98	2
Antimony					5000	4600	93	0	4700	93	0
Arsenic					5000	4800	96	0	4800	96	1
Barium					10000	9800	98	0	9700	97	2
Beryllium					500	500	101	0	510	103	2
Cadmium					2500	2400	96	0	2400	97	0
Calcium					400000	400000	99	1	390000	98	3
Chromium					15500	15000	95	0	15000	95	0
Cobalt					2500	2400	96	0	2400	97	0
Copper					15000	14000	96	0	14000	95	2
Iron					400000	400000	100	1	390000	98	2
Lead					25000	24000	94	0	24000	95	0
Magnesium					400000	400000	100	1	390000	98	3
Manganese					15000	15000	97	1	14000	96	3
Nickel					2500	2400	96	0	2400	96	0
Potassium					150000	150000	100	0	150000	100	3
Selenium					5000	4600	92	0	5000	101	0
Silver					1250	1200	100	0	1300	101	0
Sodium					400000	400000	99	1	390000	97	2
Thallium					5000	4600	93	0	4600	92	0
Vanadium					2500	2400	96	1	2400	95	3
Zinc					15000	14000	92	1	14000	92	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV009				ID: CCV055				ID: CCV056		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	96	1	400000	400000	101	0	400000	100	0
Antimony	1000	1000	100	0	5000	4700	95	0	4700	95	0
Arsenic	1000	970	97	0	5000	5000	99	1	5000	99	0
Barium	520	510	99	0	10000	10000	100	0	9900	99	0
Beryllium	510	520	103	1	500	500	100	0	490	98	1
Cadmium	510	480	94	0	2500	2500	98	0	2500	98	0
Calcium	10000	10000	101	1	400000	400000	100	0	400000	100	0
Chromium	520	570	109	0	15500	15000	99	0	15000	100	0
Cobalt	520	500	95	0	2500	2500	99	0	2500	99	0
Copper	510	490	96	0	15000	15000	100	0	15000	99	0
Iron	10000	11000	109	1	400000	410000	102	0	400000	101	0
Lead	1000	980	98	0	25000	24000	97	0	24000	97	0
Magnesium	6000	6000	99	1	400000	390000	98	0	390000	97	0
Manganese	520	540	103	1	15000	15000	98	0	15000	98	0
Nickel	530	510	96	0	2500	2500	99	0	2500	98	0
Potassium	9900	10000	105	1	150000	150000	101	0	150000	101	0
Selenium	1000	980	98	0	5000	4700	95	0	4800	95	0
Silver	250	240	96	0	1250	1200	100	0	1200	99	0
Sodium	10000	9800	98	0	400000	400000	101	0	400000	101	0
Thallium	1000	1000	102	0	5000	4800	95	1	4800	96	1
Vanadium	500	520	104	2	2500	2500	99	0	2500	99	1
Zinc	1000	1100	108	0	15000	14000	96	1	14000	97	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV057				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0			
Antimony					5000	4700	95	0			
Arsenic					5000	4900	99	0			
Barium					10000	9900	99	0			
Beryllium					500	500	99	1			
Cadmium					2500	2500	98	0			
Calcium					400000	400000	101	0			
Chromium					15500	15000	100	0			
Cobalt					2500	2500	99	0			
Copper					15000	15000	99	0			
Iron					400000	410000	102	0			
Lead					25000	24000	97	0			
Magnesium					400000	390000	98	0			
Manganese					15000	15000	98	0			
Nickel					2500	2500	98	0			
Potassium					150000	150000	102	0			
Selenium					5000	4800	95	0			
Silver					1250	1200	100	0			
Sodium					400000	410000	102	0			
Thallium					5000	4800	95	0			
Vanadium					2500	2500	99	1			
Zinc					15000	14000	96	1			