

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE470Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133149 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV005				ID: CCV006		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	95	1	400000	410000	103	0	410000	102	1
Antimony	1000	1000	104	0	5000	4700	95	0	4800	96	0
Arsenic	1000	1100	109	1	5000	5000	100	0	5100	101	0
Barium	520	510	97	1	10000	10000	101	0	10000	101	0
Beryllium	510	530	104	0	500	520	104	1	530	106	1
Cadmium	510	500	98	0	2500	2500	99	0	2500	100	0
Calcium	10000	10000	101	1	400000	410000	102	1	410000	102	0
Chromium	520	560	107	0	15500	15000	98	0	15000	98	0
Cobalt	520	490	95	0	2500	2500	99	0	2500	101	0
Copper	510	490	96	2	15000	15000	100	1	15000	99	1
Iron	10000	11000	108	1	400000	420000	104	1	410000	103	0
Lead	1000	980	98	0	25000	25000	98	0	25000	100	0
Magnesium	6000	5800	96	2	400000	410000	102	0	420000	104	0
Manganese	520	530	101	1	15000	15000	99	0	15000	99	0
Nickel	530	500	95	0	2500	2500	99	0	2500	100	0
Potassium	9900	9100	92	1	150000	150000	103	1	150000	103	1
Selenium	1000	1100	107	1	5000	4700	94	0	4700	95	0
Silver	250	240	96	0	1250	1300	101	0	1300	103	0
Sodium	10000	9400	94	4	400000	410000	103	1	410000	101	0
Thallium	1000	1000	104	1	5000	4800	95	0	4800	96	0
Vanadium	500	540	107	2	2500	2500	99	0	2500	99	1
Zinc	1000	1000	104	1	15000	14000	95	1	14000	96	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV007				ID: CCV008		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	0	420000	104	0
Antimony					5000	4800	96	0	4800	96	0
Arsenic					5000	5100	103	0	5100	102	1
Barium					10000	10000	102	0	10000	102	0
Beryllium					500	540	108	1	550	109	0
Cadmium					2500	2500	101	0	2500	101	0
Calcium					400000	410000	103	0	410000	103	0
Chromium					15500	15000	98	0	15000	98	0
Cobalt					2500	2500	101	0	2500	101	0
Copper					15000	15000	98	0	15000	100	0
Iron					400000	410000	103	0	420000	104	0
Lead					25000	25000	100	0	25000	100	0
Magnesium					400000	420000	104	0	420000	105	0
Manganese					15000	15000	99	0	15000	99	0
Nickel					2500	2500	101	0	2500	100	0
Potassium					150000	150000	103	0	160000	105	0
Selenium					5000	4700	94	0	4700	94	0
Silver					1250	1300	104	0	1300	103	0
Sodium					400000	410000	101	0	410000	103	0
Thallium					5000	4800	95	0	4800	95	0
Vanadium					2500	2500	99	0	2500	99	0
Zinc					15000	14000	96	1	14000	97	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV009				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	99	1			
Antimony					5000	4600	92	0			
Arsenic					5000	4900	99	0			
Barium					10000	9900	99	1			
Beryllium					500	530	105	1			
Cadmium					2500	2500	98	0			
Calcium					400000	400000	100	1			
Chromium					15500	15000	95	0			
Cobalt					2500	2500	98	0			
Copper					15000	14000	96	1			
Iron					400000	400000	100	1			
Lead					25000	24000	97	0			
Magnesium					400000	400000	101	1			
Manganese					15000	14000	96	1			
Nickel					2500	2400	97	0			
Potassium					150000	150000	101	1			
Selenium					5000	4500	91	0			
Silver					1250	1300	100	0			
Sodium					400000	400000	99	1			
Thallium					5000	4600	92	0			
Vanadium					2500	2400	95	1			
Zinc					15000	14000	93	1			