

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.: MYE4R9Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133243 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	2300	93	1	400000	400000	101	1	400000	101	0
Antimony	1000	1000	102	0	5000	4800	96	1	4800	96	0
Arsenic	1000	1100	107	1	5000	5100	102	0	5100	102	0
Barium	520	510	98	0	10000	10000	101	1	10000	101	0
Beryllium	510	530	104	0	500	520	103	1	520	105	1
Cadmium	510	500	98	0	2500	2500	99	0	2500	99	0
Calcium	10000	9900	99	0	400000	400000	99	1	400000	99	0
Chromium	520	550	106	0	15500	15000	96	0	15000	96	0
Cobalt	520	500	96	0	2500	2500	99	0	2500	99	0
Copper	510	480	94	1	15000	15000	98	1	15000	98	0
Iron	10000	11000	105	0	400000	400000	101	1	400000	101	1
Lead	1000	1000	100	0	25000	25000	98	0	25000	98	0
Magnesium	6000	5600	93	1	400000	390000	98	1	390000	98	0
Manganese	520	530	101	0	15000	15000	97	1	15000	98	0
Nickel	530	510	96	0	2500	2500	99	0	2500	99	0
Potassium	9900	9100	91	1	150000	150000	100	1	150000	101	0
Selenium	1000	1100	107	1	5000	4800	95	1	4700	95	0
Silver	250	240	95	1	1250	1300	101	0	1300	101	1
Sodium	10000	9600	96	2	400000	400000	100	1	400000	99	0
Thallium	1000	1100	106	0	5000	4800	95	1	4800	95	1
Vanadium	500	520	104	1	2500	2400	98	2	2400	97	0
Zinc	1000	1100	109	0	15000	14000	95	0	14000	96	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID: CCV004		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	0	410000	102	0
Antimony					5000	4900	98	0	4800	97	0
Arsenic					5000	5200	104	0	5100	102	0
Barium					10000	10000	103	0	10000	103	0
Beryllium					500	530	106	0	530	105	0
Cadmium					2500	2500	101	0	2500	99	0
Calcium					400000	400000	101	1	400000	100	0
Chromium					15500	15000	97	0	15000	97	0
Cobalt					2500	2500	101	0	2500	100	0
Copper					15000	15000	100	1	15000	99	0
Iron					400000	410000	102	0	410000	101	0
Lead					25000	25000	100	0	25000	99	0
Magnesium					400000	400000	99	1	390000	98	0
Manganese					15000	15000	98	0	15000	98	1
Nickel					2500	2500	101	0	2500	99	0
Potassium					150000	150000	102	0	150000	102	0
Selenium					5000	4800	97	0	4800	95	1
Silver					1250	1300	102	0	1300	102	0
Sodium					400000	400000	100	1	400000	101	0
Thallium					5000	4800	97	0	4800	96	0
Vanadium					2500	2500	98	1	2400	98	0
Zinc					15000	15000	97	0	14000	96	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV005				ID: CCV006		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	101	0	410000	102	0
Antimony					5000	4800	97	0	4900	99	0
Arsenic					5000	5200	104	0	5200	105	0
Barium					10000	10000	105	0	10000	104	0
Beryllium					500	520	103	1	530	106	0
Cadmium					2500	2500	100	0	2500	101	0
Calcium					400000	390000	98	0	400000	100	0
Chromium					15500	15000	98	0	15000	97	0
Cobalt					2500	2500	101	0	2500	101	0
Copper					15000	15000	100	0	15000	100	0
Iron					400000	400000	100	0	400000	101	0
Lead					25000	25000	100	0	25000	100	0
Magnesium					400000	390000	97	0	390000	98	0
Manganese					15000	15000	100	0	15000	98	0
Nickel					2500	2500	100	0	2500	101	0
Potassium					150000	150000	103	0	150000	103	0
Selenium					5000	4800	96	0	4900	98	0
Silver					1250	1300	100	0	1300	102	0
Sodium					400000	400000	100	0	400000	101	0
Thallium					5000	4900	98	0	4900	97	0
Vanadium					2500	2400	97	0	2400	98	0
Zinc					15000	15000	97	0	15000	97	1