

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.: MYE543Initial Calibration Verification Source : MP83143Continuing Calibration Verification Source : MP83146Run Batch: LB133387 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV008				ID: CCV056				ID: CCV057		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2300	93	1	400000	410000	102	0	400000	99	0
Antimony	1000	920	92	0	5000	4900	98	1	4800	96	0
Arsenic	1000	920	92	2	5000	5100	101	1	5000	99	0
Barium	520	520	101	0	10000	10000	104	0	10000	102	0
Beryllium	510	530	104	0	500	510	103	1	500	99	1
Cadmium	510	510	100	0	2500	2500	101	0	2500	100	0
Calcium	10000	9900	99	1	400000	400000	101	0	390000	99	1
Chromium	520	560	108	0	15500	16000	102	0	15000	97	4
Cobalt	520	500	96	0	2500	2500	102	0	2500	100	0
Copper	510	500	97	1	15000	15000	103	0	15000	100	0
Iron	10000	11000	106	1	400000	410000	102	0	400000	100	1
Lead	1000	990	99	0	25000	25000	100	0	25000	99	0
Magnesium	6000	5400	91	2	400000	410000	101	1	390000	99	1
Manganese	520	530	103	1	15000	15000	101	0	15000	99	1
Nickel	530	510	97	0	2500	2500	101	0	2500	100	0
Potassium	9900	9300	94	0	150000	160000	105	0	150000	103	0
Selenium	1000	980	98	1	5000	4900	97	0	4800	96	1
Silver	250	240	97	0	1250	1300	102	0	1200	97	4
Sodium	10000	9800	98	1	400000	410000	102	0	400000	100	0
Thallium	1000	1100	107	0	5000	4900	98	0	4800	96	0
Vanadium	500	530	106	1	2500	2500	102	0	2500	99	1
Zinc	1000	1000	102	0	15000	15000	100	1	14000	94	4

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV058				ID: CCV059		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	99	0	400000	99	0
Antimony					5000	4800	96	0	4800	96	0
Arsenic					5000	4900	98	1	4900	98	1
Barium					10000	10000	102	0	10000	103	0
Beryllium					500	500	100	0	500	100	0
Cadmium					2500	2500	98	0	2500	99	0
Calcium					400000	390000	99	0	390000	98	0
Chromium					15500	15000	99	0	15000	100	0
Cobalt					2500	2500	99	0	2500	99	0
Copper					15000	15000	99	0	15000	100	0
Iron					400000	400000	99	0	400000	99	0
Lead					25000	24000	97	0	24000	98	0
Magnesium					400000	390000	98	0	390000	98	0
Manganese					15000	15000	98	0	15000	98	0
Nickel					2500	2500	98	0	2500	99	0
Potassium					150000	150000	103	0	150000	103	0
Selenium					5000	4800	95	0	4800	95	0
Silver					1250	1200	100	0	1300	100	0
Sodium					400000	400000	100	0	400000	100	0
Thallium					5000	4700	94	0	4700	95	0
Vanadium					2500	2500	99	1	2500	98	1
Zinc					15000	14000	96	0	14000	96	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV012				ID: CCV087				ID: CCV088		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2500	99	2	400000	400000	100	3	400000	101	0
Antimony	1000	920	92	1	5000	4800	95	0	4700	95	0
Arsenic	1000	1100	105	1	5000	4900	99	0	4900	98	0
Barium	520	510	98	2	10000	10000	101	3	10000	102	0
Beryllium	510	530	104	1	500	500	100	3	510	101	0
Cadmium	510	510	99	0	2500	2500	99	0	2500	98	0
Calcium	10000	10000	101	2	400000	410000	102	3	410000	103	0
Chromium	520	560	108	0	15500	15000	99	0	15000	98	0
Cobalt	520	500	96	0	2500	2500	99	0	2500	99	0
Copper	510	480	95	1	15000	15000	99	3	15000	100	0
Iron	10000	11000	109	2	400000	410000	103	3	420000	104	0
Lead	1000	980	98	1	25000	25000	98	0	24000	97	0
Magnesium	6000	5900	98	3	400000	400000	101	3	410000	102	0
Manganese	520	530	102	2	15000	15000	99	4	15000	100	0
Nickel	530	510	96	0	2500	2500	99	0	2500	98	0
Potassium	9900	11000	107	2	150000	150000	101	3	150000	102	0
Selenium	1000	990	99	1	5000	4800	95	0	4700	94	0
Silver	250	240	97	0	1250	1300	100	1	1200	100	0
Sodium	10000	10000	101	2	400000	410000	102	3	410000	103	0
Thallium	1000	1100	107	0	5000	4800	96	1	4800	95	1
Vanadium	500	530	106	3	2500	2500	100	4	2500	101	0
Zinc	1000	970	97	0	15000	15000	97	0	14000	96	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV089				ID: CCV090		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	1	410000	101	0
Antimony					5000	4800	96	0	4800	97	1
Arsenic					5000	5000	100	0	5000	99	1
Barium					10000	10000	103	1	10000	103	0
Beryllium					500	510	102	1	510	102	0
Cadmium					2500	2500	100	1	2500	99	0
Calcium					400000	410000	102	1	410000	102	0
Chromium					15500	16000	100	1	15000	100	0
Cobalt					2500	2500	100	1	2500	100	0
Copper					15000	15000	101	0	15000	101	0
Iron					400000	410000	103	1	410000	104	0
Lead					25000	25000	99	1	25000	99	0
Magnesium					400000	410000	102	1	410000	102	0
Manganese					15000	15000	100	1	15000	100	0
Nickel					2500	2500	100	1	2500	100	0
Potassium					150000	160000	104	1	160000	104	0
Selenium					5000	4800	96	1	4800	97	0
Silver					1250	1300	101	1	1300	102	0
Sodium					400000	410000	103	1	420000	104	0
Thallium					5000	4900	97	1	4800	96	0
Vanadium					2500	2500	101	1	2500	102	0
Zinc					15000	15000	98	2	15000	98	0