

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8G5Initial Calibration Verification Source : MP84658Continuing Calibration Verification Source : MP84661Run Batch: LB134905 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	2400	98	1	400000	380000	95	0	380000	95	1
Antimony	1000	910	91	0	5000	4800	96	0	4800	96	1
Arsenic	1000	980	98	0	5000	4800	96	0	4800	95	0
Barium	520	520	101	1	10000	10000	100	0	10000	101	1
Beryllium	510	520	102	0	500	490	98	0	500	100	1
Cadmium	510	490	97	0	2500	2500	98	0	2400	98	0
Calcium	10000	9100	91	0	400000	390000	98	1	390000	98	1
Chromium	520	550	107	0	15500	15000	98	0	15000	98	0
Cobalt	520	490	94	0	2500	2400	98	0	2400	98	0
Copper	510	520	103	0	15000	15000	99	0	15000	99	0
Iron	10000	9500	95	0	400000	390000	99	0	390000	98	1
Lead	1000	1000	100	0	25000	24000	96	0	24000	96	0
Magnesium	6000	5400	91	0	400000	390000	98	0	390000	97	1
Manganese	520	480	92	0	15000	15000	100	0	15000	100	1
Nickel	530	510	96	0	2500	2400	98	0	2400	98	0
Potassium	9900	9100	92	1	150000	150000	101	1	150000	100	1
Selenium	1000	920	92	1	5000	4800	95	0	4700	95	0
Silver	250	230	92	0	1250	1300	101	0	1300	101	0
Sodium	10000	9800	98	1	400000	390000	98	0	390000	99	0
Thallium	1000	1100	106	1	5000	4600	93	1	4600	92	0
Vanadium	500	520	105	0	2500	2400	98	0	2500	99	0
Zinc	1000	930	93	1	15000	15000	100	1	15000	99	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	380000	94	0			
Antimony					5000	4700	95	0			
Arsenic					5000	4700	95	0			
Barium					10000	10000	102	1			
Beryllium					500	490	98	1			
Cadmium					2500	2400	97	0			
Calcium					400000	390000	98	0			
Chromium					15500	15000	97	0			
Cobalt					2500	2400	97	0			
Copper					15000	15000	98	0			
Iron					400000	390000	97	1			
Lead					25000	24000	95	0			
Magnesium					400000	390000	97	1			
Manganese					15000	15000	101	1			
Nickel					2500	2400	97	0			
Potassium					150000	150000	99	1			
Selenium					5000	4700	94	0			
Silver					1250	1300	101	0			
Sodium					400000	390000	98	0			
Thallium					5000	4500	90	0			
Vanadium					2500	2500	98	0			
Zinc					15000	15000	99	1			

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV004				ID: CCV005		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2300	93	0	400000	380000	95	1	380000	95	0
Antimony	1000	900	90	0	5000	4800	96	0	4900	98	0
Arsenic	1000	1000	102	0	5000	4800	96	0	4900	97	0
Barium	520	480	92	1	10000	10000	102	1	10000	102	1
Beryllium	510	530	104	0	500	490	97	0	480	97	1
Cadmium	510	500	98	0	2500	2400	98	0	2400	98	0
Calcium	10000	9200	92	0	400000	390000	98	0	390000	97	1
Chromium	520	560	108	0	15500	15000	99	0	15000	98	0
Cobalt	520	510	97	0	2500	2500	98	0	2500	99	0
Copper	510	530	104	0	15000	15000	100	0	15000	101	0
Iron	10000	9600	96	0	400000	390000	99	1	390000	98	1
Lead	1000	1000	101	0	25000	24000	97	0	24000	97	0
Magnesium	6000	6200	103	0	400000	390000	97	0	390000	96	1
Manganese	520	500	96	0	15000	15000	102	1	15000	101	1
Nickel	530	510	97	0	2500	2500	98	0	2500	99	0
Potassium	9900	9400	95	0	150000	160000	105	1	160000	104	1
Selenium	1000	950	95	0	5000	4800	95	0	4900	97	0
Silver	250	240	96	0	1250	1300	101	0	1300	101	0
Sodium	10000	9900	99	2	400000	390000	97	0	390000	98	0
Thallium	1000	1100	109	1	5000	4600	93	1	4700	94	0
Vanadium	500	530	105	0	2500	2400	98	0	2500	98	0
Zinc	1000	1000	101	1	15000	15000	103	0	15000	102	1

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV006				ID: CCV007		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	97	0	400000	380000	96	0	390000	96	1
Calcium	10000	9300	93	0	400000	390000	99	0	390000	98	0
Iron	10000	9800	98	0	400000	400000	99	1	400000	99	0
Magnesium	6000	5000	83	0	400000	390000	98	0	390000	98	0
Manganese	520	510	98	0	15000	15000	102	1	15000	102	0
Potassium	9900	8300	84	0	150000	160000	106	1	160000	107	0
Sodium	10000	9000	90	1	400000	380000	95	0	380000	95	0