

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD4C6Initial Calibration Verification Source : MP81250Continuing Calibration Verification Source : MP80934Run Batch: LB131457 Analytical Method: ICP-AESConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV013				ID: CCV002				ID: CCV003		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	1000	980	98	1	5000	4900	97	0	4800	96	0
Arsenic	1000	950	95	2	5000	5000	100	1	4900	99	1
Barium	520	500	95	1	10000	10000	101	0	9800	98	0
Beryllium	510	510	100	1	500	490	99	1	480	97	0
Cadmium	510	490	96	0	2500	2500	99	0	2400	97	0
Chromium	520	550	105	0	15500	15000	99	0	15000	98	0
Cobalt	520	470	91	0	2500	2500	99	0	2400	98	0
Copper	510	520	102	2	15000	15000	99	0	14000	96	1
Lead	1000	960	96	0	25000	24000	98	0	24000	97	0
Manganese	520	530	102	2	15000	15000	98	0	14000	96	0
Molybdenum	5000	4900	98	0	5000	4800	96	0	4800	95	0
Nickel	530	480	91	1	2500	2500	100	0	2500	99	0
Selenium	1000	940	94	1	5000	4800	95	0	4700	95	0
Silver	250	230	93	0	1250	1300	100	0	1300	100	0
Thallium	1000	1000	102	0	5000	4800	97	0	4800	96	0
Vanadium	500	510	102	2	2500	2500	99	1	2400	96	0
Zinc	1000	930	93	1	15000	14000	96	1	15000	97	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV004				ID: CCV005		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	4800	96	0	4800	96	0
Arsenic					5000	4900	99	0	4900	99	1
Barium					10000	9900	99	0	9900	99	0
Beryllium					500	490	98	0	500	99	1
Cadmium					2500	2500	98	0	2400	98	0
Chromium					15500	15000	98	0	15000	98	1
Cobalt					2500	2500	98	0	2500	98	1
Copper					15000	15000	97	1	14000	96	1
Lead					25000	24000	97	0	24000	97	0
Manganese					15000	15000	97	0	14000	97	0
Molybdenum					5000	4800	95	0	4700	95	0
Nickel					2500	2500	99	0	2500	99	1
Selenium					5000	4700	93	0	4700	93	0
Silver					1250	1200	100	0	1300	100	2
Thallium					5000	4800	96	0	4800	96	1
Vanadium					2500	2400	97	1	2400	97	1
Zinc					15000	14000	94	1	14000	94	2

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV006				ID: CCV007		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	4800	96	0	4800	95	0
Arsenic					5000	4900	99	0	4900	98	0
Barium					10000	9800	98	0	9800	98	0
Beryllium					500	490	98	1	500	100	0
Cadmium					2500	2500	98	0	2500	98	0
Chromium					15500	15000	99	1	15000	99	1
Cobalt					2500	2500	98	0	2500	99	0
Copper					15000	14000	95	0	14000	95	0
Lead					25000	24000	97	0	24000	97	0
Manganese					15000	14000	96	0	14000	96	0
Molybdenum					5000	4700	95	0	4700	94	0
Nickel					2500	2500	99	0	2500	99	0
Selenium					5000	4700	93	0	4600	92	1
Silver					1250	1300	102	1	1300	101	1
Thallium					5000	4800	96	0	4800	96	0
Vanadium					2500	2400	96	1	2400	96	0
Zinc					15000	14000	92	1	14000	91	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV008				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	4700	95	0			
Arsenic					5000	4900	98	0			
Barium					10000	9700	97	0			
Beryllium					500	500	100	1			
Cadmium					2500	2400	98	0			
Chromium					15500	15000	99	0			
Cobalt					2500	2500	98	0			
Copper					15000	14000	95	1			
Lead					25000	24000	97	0			
Manganese					15000	15000	97	0			
Molybdenum					5000	4700	94	0			
Nickel					2500	2500	99	0			
Selenium					5000	4600	91	1			
Silver					1250	1300	101	0			
Thallium					5000	4800	95	0			
Vanadium					2500	2400	96	0			
Zinc					15000	14000	93	1			

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV015				ID: CCV031				ID: CCV032		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	1000	900	90	0	5000	4900	99	0	4900	99	0
Arsenic	1000	930	93	1	5000	5100	103	0	5100	102	0
Barium	520	490	95	0	10000	10000	101	0	10000	101	1
Beryllium	510	500	98	0	500	510	103	1	510	102	0
Cadmium	510	470	93	0	2500	2500	102	0	2500	101	0
Chromium	520	540	103	0	15500	16000	101	0	16000	100	0
Cobalt	520	480	92	0	2500	2500	99	0	2500	99	0
Copper	510	510	100	0	15000	15000	102	1	15000	101	1
Lead	1000	940	94	0	25000	25000	100	0	25000	99	0
Manganese	520	520	100	1	15000	15000	100	0	15000	99	1
Nickel	530	490	92	0	2500	2500	100	0	2500	99	0
Selenium	1000	930	93	1	5000	4900	98	0	4900	97	0
Silver	250	230	93	1	1250	1300	103	0	1300	103	0
Thallium	1000	1000	100	0	5000	4900	99	0	4900	98	0
Vanadium	500	500	100	1	2500	2500	99	1	2500	99	1
Zinc	1000	980	98	1	15000	15000	101	0	15000	98	0