

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.: MYD3S6Initial Calibration Verification Source : MP80931Continuing Calibration Verification Source : MP80934Run Batch: LB131248 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV013				ID: CCV014		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	1000	980	98	0	5000	5100	102	0	5200	105	0
Arsenic	1000	900	90	0	5000	5200	103	0	5200	104	0
Barium	520	510	99	0	10000	10000	103	0	11000	106	0
Beryllium	510	530	104	0	500	510	103	0	520	104	0
Cadmium	510	520	101	0	2500	2500	101	0	2600	102	0
Chromium	520	570	109	0	15500	16000	102	0	16000	104	1
Cobalt	520	500	96	0	2500	2500	102	0	2600	103	0
Copper	510	540	106	1	15000	15000	103	0	16000	107	0
Lead	1000	1000	101	0	25000	25000	102	0	26000	102	0
Manganese	520	550	106	1	15000	15000	102	0	16000	105	0
Molybdenum	5000	5000	101	0	5000	5000	101	0	5100	103	0
Nickel	530	510	97	0	2500	2500	102	0	2600	103	0
Selenium	1000	1000	102	0	5000	5000	100	0	5200	103	0
Silver	250	240	97	0	1250	1300	106	0	1300	107	1
Thallium	1000	1100	105	0	5000	4900	98	0	4900	98	0
Vanadium	500	510	103	1	2500	2500	101	0	2600	104	0
Zinc	1000	920	92	1	15000	15000	103	1	16000	106	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV015				ID: CCV016		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	5300	106	0	5400	107	2
Arsenic					5000	5300	106	0	5300	107	3
Barium					10000	10000	103	0	10000	104	0
Beryllium					500	510	102	0	520	103	1
Cadmium					2500	2600	104	0	2600	105	2
Chromium					15500	16000	104	0	16000	104	1
Cobalt					2500	2600	105	0	2700	106	2
Copper					15000	16000	108	0	16000	108	0
Lead					25000	26000	103	0	26000	103	2
Manganese					15000	16000	104	0	16000	104	0
Molybdenum					5000	5200	104	0	5200	105	2
Nickel					2500	2600	104	0	2600	106	2
Selenium					5000	5200	104	0	5200	105	3
Silver					1250	1400	109	0	1400	110	1
Thallium					5000	5000	100	0	5000	101	2
Vanadium					2500	2600	103	1	2600	104	1
Zinc					15000	16000	108	0	16000	107	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV017				ID: CCV018		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	5200	104	0	5000	101	0
Arsenic					5000	5200	104	0	5300	106	0
Barium					10000	10000	101	3	10000	102	0
Beryllium					500	510	102	3	510	103	0
Cadmium					2500	2600	103	0	2600	102	0
Chromium					15500	16000	103	0	16000	103	0
Cobalt					2500	2600	104	0	2600	104	0
Copper					15000	15000	103	3	15000	102	1
Lead					25000	25000	101	0	26000	103	0
Manganese					15000	15000	101	3	15000	100	0
Molybdenum					5000	5100	102	0	5000	100	0
Nickel					2500	2600	104	0	2600	104	0
Selenium					5000	5100	102	0	5000	99	0
Silver					1250	1400	108	0	1400	108	0
Thallium					5000	5000	99	0	5100	102	0
Vanadium					2500	2500	101	3	2600	103	1
Zinc					15000	16000	103	1	15000	102	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV019				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	5000	100	1			
Arsenic					5000	5300	106	1			
Barium					10000	10000	102	0			
Beryllium					500	520	104	0			
Cadmium					2500	2600	102	1			
Chromium					15500	16000	104	0			
Cobalt					2500	2600	105	1			
Copper					15000	15000	103	1			
Lead					25000	26000	104	1			
Manganese					15000	15000	100	1			
Molybdenum					5000	5000	100	1			
Nickel					2500	2600	104	1			
Selenium					5000	4900	98	1			
Silver					1250	1400	109	0			
Thallium					5000	5100	103	1			
Vanadium					2500	2600	105	0			
Zinc					15000	15000	102	1			

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV004				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	1000	960	96	0	5000	5200	104	0	5200	104	0
Arsenic	1000	900	90	1	5000	5300	105	0	5300	106	0
Barium	520	510	98	1	10000	10000	102	1	10000	103	1
Beryllium	510	530	103	1	500	510	103	0	510	103	1
Cadmium	510	510	101	0	2500	2600	103	0	2600	103	0
Chromium	520	570	109	0	15500	16000	103	0	16000	103	1
Cobalt	520	500	96	0	2500	2600	104	0	2600	104	0
Copper	510	530	105	1	15000	15000	103	1	15000	102	0
Lead	1000	1000	101	0	25000	26000	103	0	26000	103	0
Manganese	520	550	106	0	15000	15000	102	0	15000	100	0
Molybdenum	5000	4900	98	0	5000	5100	102	0	5100	102	0
Nickel	530	510	96	0	2500	2600	103	0	2600	103	0
Selenium	1000	1000	101	0	5000	5100	102	0	5100	103	0
Silver	250	240	97	0	1250	1300	107	0	1300	107	1
Thallium	1000	1100	108	0	5000	5000	101	0	5100	101	0
Vanadium	500	480	96	1	2500	2500	100	1	2500	101	1
Zinc	1000	920	92	0	15000	16000	104	0	15000	102	1