

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.: MYD455Initial Calibration Verification Source : MP80931Continuing Calibration Verification Source : MP80934Run Batch: LB131394 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV007				ID: CCV043				ID: CCV044		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	1000	910	91	0	5000	5000	100	0	4900	98	0
Arsenic	1000	1000	105	1	5000	5100	103	0	5000	101	0
Barium	520	510	98	0	10000	10000	104	2	9800	98	0
Beryllium	510	520	103	0	500	510	103	1	500	100	1
Cadmium	510	500	98	0	2500	2500	101	0	2500	98	0
Chromium	520	560	107	1	15500	16000	101	0	15000	99	0
Cobalt	520	490	94	0	2500	2500	102	0	2400	98	0
Copper	510	540	105	1	15000	15000	103	2	15000	100	0
Lead	1000	980	98	0	25000	25000	101	0	24000	97	0
Manganese	520	550	105	0	15000	15000	102	2	14000	97	0
Molybdenum	5000	4800	96	0	5000	4900	98	0	4800	97	0
Nickel	530	500	94	0	2500	2500	102	0	2500	99	0
Selenium	1000	960	96	1	5000	5000	99	0	4900	98	0
Silver	250	240	94	0	1250	1300	103	0	1200	100	0
Thallium	1000	1000	104	0	5000	4900	99	0	4800	97	0
Vanadium	500	480	96	2	2500	2500	102	2	2400	96	0
Zinc	1000	1100	106	0	15000	15000	103	2	14000	95	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV045				ID: CCV046		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	4700	95	0	4600	92	0
Arsenic					5000	5000	99	0	4800	97	0
Barium					10000	11000	108	0	11000	108	1
Beryllium					500	520	104	1	520	105	1
Cadmium					2500	2600	103	0	2500	102	0
Chromium					15500	16000	100	0	15000	99	0
Cobalt					2500	2600	104	0	2600	102	0
Copper					15000	15000	97	0	14000	95	0
Lead					25000	26000	103	0	26000	103	0
Manganese					15000	16000	104	0	16000	104	1
Molybdenum					5000	4700	95	0	4600	93	0
Nickel					2500	2500	101	0	2500	100	0
Selenium					5000	4700	93	0	4500	90	0
Silver					1250	1300	107	0	1300	107	0
Thallium					5000	4800	96	0	4700	94	0
Vanadium					2500	2700	107	1	2700	107	0
Zinc					15000	15000	99	0	14000	93	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV008				ID: CCV048				ID: CCV049		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	1000	970	97	0	5000	4900	98	0	4800	97	1
Arsenic	1000	970	97	1	5000	5000	101	0	5100	102	0
Barium	520	490	94	1	10000	9800	98	5	9500	95	0
Beryllium	510	500	99	0	500	490	98	3	490	97	0
Cadmium	510	490	95	0	2500	2500	99	0	2400	97	0
Chromium	520	550	105	0	15500	16000	101	0	15000	99	0
Cobalt	520	470	91	0	2500	2500	99	0	2400	97	0
Copper	510	510	101	1	15000	15000	97	5	15000	99	0
Lead	1000	950	95	0	25000	24000	97	0	24000	94	0
Manganese	520	530	101	0	15000	14000	97	5	15000	99	0
Molybdenum	5000	4700	94	0	5000	4800	96	0	4800	96	1
Nickel	530	490	92	0	2500	2500	99	0	2500	99	0
Selenium	1000	940	94	1	5000	4800	96	0	4800	96	1
Silver	250	240	94	0	1250	1300	102	0	1300	101	0
Thallium	1000	1000	103	0	5000	4900	97	0	4900	98	0
Vanadium	500	510	102	2	2500	2400	97	4	2500	99	0
Zinc	1000	920	92	0	15000	15000	98	1	14000	97	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV050				ID: CCV051		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	4900	97	0	4800	96	0
Arsenic					5000	5200	104	0	5100	102	1
Barium					10000	9400	94	0	9500	95	1
Beryllium					500	500	99	1	490	98	0
Cadmium					2500	2400	96	0	2400	96	1
Chromium					15500	15000	99	0	15000	98	0
Cobalt					2500	2400	96	0	2400	96	1
Copper					15000	15000	103	0	15000	101	0
Lead					25000	23000	93	0	23000	94	1
Manganese					15000	15000	102	1	15000	100	0
Molybdenum					5000	4900	97	0	4800	96	1
Nickel					2500	2500	99	0	2500	98	1
Selenium					5000	4800	97	0	4800	95	1
Silver					1250	1300	101	0	1300	100	0
Thallium					5000	4900	99	0	4900	98	1
Vanadium					2500	2500	100	1	2500	99	0
Zinc					15000	14000	96	1	14000	95	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV052				ID: CCV053		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					5000	4900	97	0	4800	97	1
Arsenic					5000	5100	103	0	5100	102	1
Barium					10000	9500	95	1	9700	97	1
Beryllium					500	500	99	1	510	101	0
Cadmium					2500	2400	97	0	2400	97	1
Chromium					15500	15000	99	0	15000	100	0
Cobalt					2500	2400	97	0	2400	97	1
Copper					15000	15000	101	1	15000	101	0
Lead					25000	24000	94	0	24000	95	1
Manganese					15000	15000	100	1	15000	101	0
Molybdenum					5000	4800	97	0	4800	97	0
Nickel					2500	2500	99	0	2500	99	1
Selenium					5000	4800	96	0	4800	96	0
Silver					1250	1300	102	0	1300	102	1
Thallium					5000	4900	98	1	4900	98	0
Vanadium					2500	2500	99	1	2500	100	0
Zinc					15000	14000	94	1	14000	94	1