

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE4L4
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133264 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV006				ID: CCV007		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	99	1	500	490	97	3	460	93	2
Arsenic	200	210	105	1	500	530	105	1	530	106	1
Barium	100	90	90	1	2500	2400	96	2	2300	93	2
Beryllium	100	100	102	2	500	530	107	1	490	98	4
Cadmium	100	98	98	1	500	480	97	2	470	94	2
Chromium	100	100	104	0	500	490	98	1	500	99	1
Cobalt	100	100	102	0	500	510	102	1	520	104	0
Copper	100	97	97	1	5000	4900	98	1	4900	98	0
Lead	200	190	96	4	2500	2400	96	1	2400	94	1
Nickel	110	110	97	0	500	500	100	0	510	102	0
Selenium	200	200	101	2	500	480	97	2	480	96	1
Silver	50.0	48	96	2	500	500	101	2	490	98	1
Thallium	210	210	98	1	500	490	97	2	480	95	1
Vanadium	100	100	101	0	500	500	100	1	500	100	0
Zinc	200	200	99	1	5000	4900	99	1	5000	99	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV008				ID: CCV009		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	460	91	1	490	99	1
Arsenic					500	510	103	1	510	102	1
Barium					2500	2300	93	1	2400	95	1
Beryllium					500	470	94	2	490	98	0
Cadmium					500	460	91	0	480	96	1
Chromium					500	500	99	1	520	103	0
Cobalt					500	530	106	0	550	110	0
Copper					5000	5000	100	0	5300	105	1
Lead					2500	2400	94	1	2400	97	1
Nickel					500	520	103	0	530	106	0
Selenium					500	470	94	1	470	95	0
Silver					500	480	95	1	480	96	0
Thallium					500	470	95	1	490	98	1
Vanadium					500	500	100	1	520	104	1
Zinc					5000	5000	101	1	5300	105	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV010				ID: CCV011		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	510	103	10	480	96	1
Arsenic					500	510	103	1	510	102	0
Barium					2500	2500	99	8	2400	94	1
Beryllium					500	500	100	9	480	97	1
Cadmium					500	500	99	9	460	92	1
Chromium					500	520	103	1	520	103	2
Cobalt					500	550	109	1	540	108	2
Copper					5000	5300	105	1	5300	105	0
Lead					2500	2600	103	9	2400	98	1
Nickel					500	530	106	1	520	105	0
Selenium					500	500	99	9	470	94	1
Silver					500	500	100	9	460	92	2
Thallium					500	510	103	10	490	98	2
Vanadium					500	520	103	1	520	104	1
Zinc					5000	5200	105	0	5200	105	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV001				ID: CCV001				ID: CCV002		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	210	103	2	500	490	98	1	480	95	2
Arsenic	200	210	104	1	500	510	102	0	510	103	1
Barium	100	94	94	1	2500	2500	99	1	2400	98	2
Beryllium	100	100	103	0	500	520	103	2	490	99	3
Cadmium	100	100	101	2	500	480	95	1	470	94	1
Chromium	100	100	103	1	500	490	98	1	500	99	0
Cobalt	100	100	101	0	500	500	99	0	520	104	0
Copper	100	95	95	0	5000	4800	96	1	5000	100	1
Lead	200	200	102	0	2500	2500	99	1	2500	99	1
Nickel	110	100	93	0	500	460	93	0	490	97	0
Selenium	200	220	108	1	500	500	100	1	500	100	0
Silver	50.0	49	98	3	500	500	101	1	490	99	1
Thallium	210	210	102	1	500	500	99	1	490	98	2
Vanadium	100	100	100	0	500	490	99	1	500	100	1
Zinc	200	200	98	0	5000	4800	97	1	5000	100	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID: CCV004		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	480	97	1	490	97	1
Arsenic					500	510	103	0	500	101	0
Barium					2500	2500	98	2	2400	97	1
Beryllium					500	490	99	1	490	99	0
Cadmium					500	470	95	1	470	94	1
Chromium					500	490	99	1	500	99	1
Cobalt					500	520	105	0	520	104	1
Copper					5000	5000	101	1	5000	100	1
Lead					2500	2500	101	1	2500	100	1
Nickel					500	490	97	1	490	97	1
Selenium					500	510	101	1	490	98	0
Silver					500	500	100	2	490	98	1
Thallium					500	510	102	0	500	100	0
Vanadium					500	500	100	1	500	101	2
Zinc					5000	5000	100	1	5000	99	1