

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD4C7
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB132901 Analytical Method: ICP-MS
 Concentration 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
Antimony	200	190	96	1	500	530	105	1	530	105	2
Arsenic	200	200	102	1	500	520	104	0	510	102	1
Barium	100	94	94	0	2500	2600	106	1	2700	107	1
Beryllium	100	110	107	2	500	540	109	1	520	104	5
Cadmium	100	110	107	0	500	520	103	1	520	103	1
Chromium	100	100	102	1	500	510	103	1	520	104	1
Cobalt	100	100	103	1	500	520	104	1	530	106	0
Copper	100	98	98	0	5000	5000	101	0	5200	103	1
Lead	200	200	101	1	2500	2700	107	0	2700	108	1
Nickel	110	110	99	2	500	510	102	1	520	103	1
Selenium	200	210	106	0	500	510	101	1	500	100	2
Silver	50.0	49	99	1	500	510	103	1	510	103	2
Thallium	210	220	106	2	500	530	107	0	550	109	1
Vanadium	100	99	99	1	500	520	105	1	530	106	1
Zinc	200	200	100	0	5000	5000	100	1	5100	102	2

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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	520	104	0	510	102	1
Arsenic					500	500	100	1	510	102	1
Barium					2500	2600	105	1	2600	103	0
Beryllium					500	500	101	1	500	100	1
Cadmium					500	500	100	0	490	97	0
Chromium					500	510	103	1	520	105	1
Cobalt					500	510	101	1	510	103	1
Copper					5000	5100	102	1	5300	105	2
Lead					2500	2700	107	2	2700	107	0
Nickel					500	510	102	1	520	104	2
Selenium					500	500	99	1	490	98	1
Silver					500	510	101	0	490	99	0
Thallium					500	540	108	3	540	107	0
Vanadium					500	520	105	1	530	107	1
Zinc					5000	4800	96	1	4900	98	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV005				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	510	103	2			
Arsenic					500	510	101	0			
Barium					2500	2600	104	1			
Beryllium					500	500	101	0			
Cadmium					500	490	97	1			
Chromium					500	520	105	0			
Cobalt					500	510	102	0			
Copper					5000	5300	105	0			
Lead					2500	2700	109	1			
Nickel					500	520	105	1			
Selenium					500	490	98	1			
Silver					500	500	99	1			
Thallium					500	540	107	1			
Vanadium					500	530	107	0			
Zinc					5000	4900	98	0			

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV023				ID: CCV083				ID: CCV084		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	190	96	1	500	470	95	2	480	95	3
Arsenic	200	210	106	1	500	500	101	1	500	100	1
Barium	100	95	95	0	2500	2400	95	2	2400	96	2
Beryllium	100	100	101	0	500	480	96	0	480	96	1
Cadmium	100	100	103	1	500	460	91	1	460	92	2
Chromium	100	110	109	1	500	520	103	0	520	104	1
Cobalt	100	110	107	1	500	490	99	1	500	100	1
Copper	100	110	106	1	5000	4800	97	0	4900	99	1
Lead	200	200	100	1	2500	2500	99	2	2500	99	1
Nickel	110	120	105	2	500	490	97	0	490	99	1
Selenium	200	210	105	2	500	460	92	0	460	91	1
Silver	50.0	50	100	2	500	460	92	1	470	93	3
Thallium	210	200	96	2	500	500	99	1	500	101	1
Vanadium	100	100	101	2	500	510	101	0	510	103	1
Zinc	200	220	109	1	5000	4800	96	1	4900	98	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV085				ID: CCV086		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	470	95	1	460	93	2
Arsenic					500	500	99	1	540	108	8
Barium					2500	2400	95	1	2400	94	2
Beryllium					500	480	95	0	480	96	0
Cadmium					500	480	95	2	480	96	2
Chromium					500	520	104	0	550	109	8
Cobalt					500	500	100	1	520	105	8
Copper					5000	5000	100	2	5500	109	8
Lead					2500	2500	98	1	2500	98	1
Nickel					500	490	98	1	520	104	8
Selenium					500	490	98	1	530	106	0
Silver					500	460	92	1	450	91	2
Thallium					500	500	99	1	500	99	1
Vanadium					500	510	102	1	530	107	7
Zinc					5000	4900	98	1	5400	107	8