

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYD0B5
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB133087 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV005				ID: CCV020				ID: CCV021		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	101	1	500	470	93	2	460	91	1
Arsenic	200	210	104	2	500	490	98	1	480	96	1
Barium	100	99	99	1	2500	2400	98	2	2400	96	1
Beryllium	100	110	108	1	500	490	99	0	490	98	0
Cadmium	100	110	105	0	500	470	94	2	460	91	1
Chromium	100	110	106	2	500	490	98	0	490	98	0
Cobalt	100	110	108	1	500	490	97	1	480	96	1
Copper	100	100	103	1	5000	5000	101	1	5000	101	0
Lead	200	210	104	1	2500	2700	107	1	2700	107	1
Nickel	110	120	105	2	500	480	96	1	470	95	0
Selenium	200	220	108	1	500	480	96	1	480	96	1
Silver	50.0	51	101	1	500	460	92	2	450	90	0
Thallium	210	210	100	1	500	540	108	1	540	107	2
Vanadium	100	100	102	1	500	490	99	0	490	98	0
Zinc	200	220	108	2	5000	5100	101	1	5000	100	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV022				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	450	91	1			
Arsenic					500	480	95	0			
Barium					2500	2400	97	1			
Beryllium					500	490	97	1			
Cadmium					500	480	97	1			
Chromium					500	490	99	1			
Cobalt					500	520	105	1			
Copper					5000	5200	105	1			
Lead					2500	2700	109	1			
Nickel					500	520	104	1			
Selenium					500	470	93	0			
Silver					500	490	98	1			
Thallium					500	550	109	1			
Vanadium					500	500	99	1			
Zinc					5000	5200	104	0			

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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	107	3	500	490	98	1	490	98	0
Arsenic	200	210	107	1	500	480	97	1	480	97	1
Barium	100	99	99	2	2500	2500	100	1	2500	101	1
Beryllium	100	100	105	2	500	500	101	2	520	104	2
Cadmium	100	110	106	3	500	510	101	0	500	100	2
Chromium	100	110	106	1	500	490	98	0	500	100	1
Cobalt	100	100	105	1	500	510	102	1	530	105	1
Copper	100	98	98	0	5000	5000	101	1	5100	103	0
Lead	200	200	102	0	2500	2500	101	1	2600	102	1
Nickel	110	110	96	1	500	490	98	0	510	102	1
Selenium	200	220	109	1	500	490	97	1	490	97	1
Silver	50.0	52	104	4	500	530	106	1	510	102	2
Thallium	210	210	101	1	500	510	103	2	510	102	2
Vanadium	100	100	103	1	500	500	101	0	510	103	1
Zinc	200	210	103	0	5000	5000	100	1	5100	102	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	490	99	1	490	99	1
Arsenic					500	490	98	2	490	99	1
Barium					2500	2500	100	2	2500	101	1
Beryllium					500	530	105	2	500	100	1
Cadmium					500	490	99	2	500	100	2
Chromium					500	500	100	1	510	102	1
Cobalt					500	530	107	1	540	108	1
Copper					5000	5200	103	0	5300	106	0
Lead					2500	2600	103	0	2500	102	0
Nickel					500	510	102	1	520	104	0
Selenium					500	490	97	0	480	97	1
Silver					500	520	103	0	520	104	0
Thallium					500	520	104	0	510	102	2
Vanadium					500	510	101	2	520	103	0
Zinc					5000	5200	103	1	5200	105	0

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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	101	1			
Arsenic					500	480	97	0			
Barium					2500	2500	100	1			
Beryllium					500	520	104	2			
Cadmium					500	500	100	2			
Chromium					500	510	101	1			
Cobalt					500	540	107	1			
Copper					5000	5300	106	1			
Lead					2500	2600	102	1			
Nickel					500	520	104	1			
Selenium					500	490	99	1			
Silver					500	520	104	1			
Thallium					500	520	104	1			
Vanadium					500	510	101	1			
Zinc					5000	5200	105	0			