

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZB9
 Initial Calibration Verification Source : MP83629
 Continuing Calibration Verification Source : MP83632
 Run Batch: LB134025 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	220	110	2	500	510	102	2	510	102	0
Arsenic	200	220	109	0	500	530	106	1	500	100	0
Barium	100	110	106	1	2500	2600	103	2	2600	103	1
Beryllium	100	110	105	2	500	490	99	2	490	98	1
Cadmium	100	110	110	1	500	520	104	3	490	99	1
Chromium	100	110	106	0	500	510	102	0	510	102	0
Cobalt	100	110	106	1	500	500	99	1	500	100	1
Copper	100	100	102	0	5000	4900	97	0	4800	96	0
Lead	200	210	103	0	2500	2600	104	1	2600	103	1
Nickel	110	110	98	1	500	480	95	0	480	95	0
Selenium	200	210	107	0	500	510	103	2	490	98	0
Silver	50.0	54	109	2	500	530	105	1	500	100	0
Thallium	210	210	99	1	500	530	106	2	520	105	1
Vanadium	100	100	102	0	500	520	103	1	510	103	1
Zinc	200	200	102	0	5000	4800	96	0	4700	95	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV023				ID: CCV024		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	99	2	500	100	1
Arsenic					500	500	100	1	500	101	1
Barium					2500	2500	100	3	2500	100	1
Beryllium					500	490	97	3	490	99	2
Cadmium					500	470	95	3	490	99	2
Chromium					500	510	101	1	500	101	1
Cobalt					500	500	100	1	500	100	0
Copper					5000	4800	96	1	4800	96	0
Lead					2500	2600	102	2	2600	103	0
Nickel					500	470	95	1	480	95	1
Selenium					500	480	96	3	480	96	0
Silver					500	490	98	2	500	100	1
Thallium					500	520	104	2	520	105	0
Vanadium					500	510	102	1	510	103	1
Zinc					5000	4800	96	1	4800	96	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV025				ID: CCV026		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	101	1	490	98	2
Arsenic					500	490	97	1	500	99	1
Barium					2500	2500	101	0	2500	99	1
Beryllium					500	480	96	1	480	95	1
Cadmium					500	480	97	3	480	96	2
Chromium					500	500	100	1	500	100	1
Cobalt					500	490	97	1	480	96	1
Copper					5000	4700	94	1	4700	94	1
Lead					2500	2500	102	0	2500	100	2
Nickel					500	460	92	0	460	92	1
Selenium					500	470	94	1	500	100	2
Silver					500	500	100	0	490	98	1
Thallium					500	520	103	0	510	102	1
Vanadium					500	500	101	0	500	100	1
Zinc					5000	4600	93	1	4700	93	1

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 Run Batch: LB134025 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV027				ID: CCV028		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	1	500	99	1
Arsenic					500	510	103	0	510	101	0
Barium					2500	2500	99	2	2500	101	0
Beryllium					500	480	96	2	480	97	1
Cadmium					500	480	96	2	490	97	1
Chromium					500	500	99	1	500	99	1
Cobalt					500	490	98	1	490	98	0
Copper					5000	4700	95	1	4800	95	1
Lead					2500	2500	101	1	2500	101	1
Nickel					500	470	93	0	470	93	0
Selenium					500	500	100	3	500	100	2
Silver					500	490	98	1	490	98	1
Thallium					500	510	102	1	510	102	1
Vanadium					500	500	100	1	500	100	1
Zinc					5000	4700	94	1	4700	94	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV029				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	2			
Arsenic					500	500	99	1			
Barium					2500	2500	101	2			
Beryllium					500	490	98	2			
Cadmium					500	470	93	1			
Chromium					500	490	99	1			
Cobalt					500	490	98	0			
Copper					5000	4700	94	0			
Lead					2500	2500	101	1			
Nickel					500	460	93	1			
Selenium					500	500	99	1			
Silver					500	490	97	1			
Thallium					500	510	103	1			
Vanadium					500	500	99	1			
Zinc					5000	4600	92	0			

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV004				ID: CCV030				ID: CCV031		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	220	109	1	500	490	99	2	490	99	1
Arsenic	200	220	109	0	500	490	98	0	480	97	1
Barium	100	100	103	0	2500	2500	100	1	2500	100	1
Beryllium	100	110	109	1	500	500	101	1	500	99	1
Cadmium	100	110	110	1	500	480	96	4	460	93	1
Chromium	100	110	107	1	500	500	101	1	500	100	1
Cobalt	100	110	107	1	500	490	98	1	490	99	1
Copper	100	100	102	1	5000	4800	96	0	4800	95	1
Lead	200	210	104	0	2500	2500	102	1	2500	101	1
Nickel	110	110	99	0	500	470	93	0	470	93	1
Selenium	200	210	103	2	500	470	95	1	480	96	1
Silver	50.0	53	107	1	500	480	96	2	480	97	1
Thallium	210	210	99	1	500	510	102	1	520	103	1
Vanadium	100	100	103	1	500	500	101	1	510	101	1
Zinc	200	210	106	0	5000	4700	94	1	4700	94	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV032				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	0			
Arsenic					500	490	97	0			
Barium					2500	2500	100	0			
Beryllium					500	490	97	1			
Cadmium					500	460	92	0			
Chromium					500	500	99	1			
Cobalt					500	490	98	0			
Copper					5000	4700	95	0			
Lead					2500	2500	101	1			
Nickel					500	460	92	0			
Selenium					500	470	94	1			
Silver					500	480	97	1			
Thallium					500	510	102	1			
Vanadium					500	500	100	1			
Zinc					5000	4600	92	0			