

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.: MYCYX9
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133950 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	220	109	2	500	490	97	0	520	104	8
Arsenic	200	220	109	1	500	470	95	1	480	97	1
Barium	100	110	107	2	2500	2500	99	1	2600	104	8
Beryllium	100	100	101	2	500	520	103	2	550	109	10
Cadmium	100	110	109	2	500	470	95	2	510	102	9
Chromium	100	100	104	1	500	490	98	1	490	98	1
Cobalt	100	110	108	1	500	480	96	2	480	96	2
Copper	100	100	103	1	5000	4600	92	1	4600	92	1
Lead	200	210	104	2	2500	2500	99	0	2600	105	9
Nickel	110	110	98	1	500	510	102	1	510	102	1
Selenium	200	220	109	2	500	470	94	2	500	100	8
Silver	50.0	54	107	3	500	470	94	0	510	102	9
Thallium	210	210	98	3	500	500	100	1	520	105	10
Vanadium	100	100	101	1	500	490	99	1	490	98	2
Zinc	200	210	105	1	5000	5000	100	1	5000	100	0

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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	510	103	1	500	100	0
Arsenic					500	500	100	1	490	99	1
Barium					2500	2600	103	1	2600	103	2
Beryllium					500	540	108	2	520	105	2
Cadmium					500	510	102	1	500	100	3
Chromium					500	500	101	1	500	100	1
Cobalt					500	490	98	1	490	97	1
Copper					5000	4700	94	1	4700	94	1
Lead					2500	2600	103	1	2500	101	2
Nickel					500	490	98	0	490	99	0
Selenium					500	490	98	1	480	95	1
Silver					500	500	99	1	490	98	2
Thallium					500	520	104	2	510	101	2
Vanadium					500	500	100	1	510	101	1
Zinc					5000	4900	99	1	4900	98	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV005				ID: CCV006		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	101	3	510	102	1
Arsenic					500	500	101	1	500	101	2
Barium					2500	2500	101	3	2600	104	1
Beryllium					500	530	105	2	530	106	1
Cadmium					500	500	99	3	500	101	1
Chromium					500	510	101	2	510	102	2
Cobalt					500	490	99	1	490	99	1
Copper					5000	4800	95	1	4800	95	1
Lead					2500	2500	101	2	2600	103	1
Nickel					500	490	98	1	490	98	1
Selenium					500	470	95	3	480	97	1
Silver					500	490	99	4	490	99	1
Thallium					500	500	101	2	520	104	1
Vanadium					500	510	101	1	510	102	1
Zinc					5000	4900	99	1	5000	100	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV007				ID: CCV008		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	99	0	470	95	7
Arsenic					500	490	98	1	490	97	2
Barium					2500	2500	101	2	2400	97	8
Beryllium					500	490	98	2	480	95	7
Cadmium					500	480	96	2	470	94	7
Chromium					500	510	101	1	500	101	0
Cobalt					500	500	100	2	500	99	1
Copper					5000	4800	96	1	4800	96	0
Lead					2500	2600	102	2	2400	98	7
Nickel					500	490	98	0	490	98	1
Selenium					500	480	95	2	460	93	8
Silver					500	470	95	1	460	92	8
Thallium					500	510	102	2	490	98	6
Vanadium					500	510	102	2	510	101	0
Zinc					5000	5100	101	1	5000	100	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV009				ID: CCV010		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	99	1	500	100	2
Arsenic					500	490	98	0	490	99	0
Barium					2500	2500	101	1	2500	102	1
Beryllium					500	490	99	1	510	101	1
Cadmium					500	490	97	2	490	98	2
Chromium					500	500	100	1	510	102	0
Cobalt					500	500	100	1	500	100	1
Copper					5000	4800	97	0	4800	97	0
Lead					2500	2600	103	1	2600	104	1
Nickel					500	490	99	0	490	99	1
Selenium					500	480	96	1	500	99	2
Silver					500	470	94	1	480	96	1
Thallium					500	510	103	1	520	104	1
Vanadium					500	510	102	1	510	102	2
Zinc					5000	5000	101	0	5100	102	1