

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.: MYE4F0
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB133210 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV007				ID: CCV035				ID: CCV036		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	98	1	500	500	99	2	490	97	3
Arsenic	200	210	107	9	500	540	108	4	520	105	1
Barium	100	93	93	1	2500	2500	99	1	2400	96	2
Beryllium	100	110	107	2	500	510	101	2	500	100	1
Cadmium	100	110	105	2	500	510	102	2	500	101	2
Chromium	100	110	108	9	500	500	100	4	480	97	1
Cobalt	100	110	107	10	500	520	105	4	520	103	1
Copper	100	100	100	10	5000	5100	102	3	5000	100	0
Lead	200	190	94	3	2500	2500	98	1	2400	98	0
Nickel	110	110	101	10	500	520	104	3	510	102	0
Selenium	200	210	106	2	500	510	103	1	510	101	2
Silver	50.0	49	98	2	500	510	101	1	500	101	1
Thallium	210	220	104	2	500	500	99	3	490	98	0
Vanadium	100	100	104	9	500	510	101	3	490	99	1
Zinc	200	210	103	10	5000	5200	104	3	5000	100	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV037				ID: CCV038		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	100	1	500	100	2
Arsenic					500	530	106	1	530	106	1
Barium					2500	2500	100	1	2500	101	2
Beryllium					500	520	104	2	510	102	0
Cadmium					500	510	102	1	510	102	2
Chromium					500	490	99	1	500	99	1
Cobalt					500	510	103	1	520	105	1
Copper					5000	5000	100	1	5100	102	0
Lead					2500	2500	99	1	2500	100	2
Nickel					500	510	102	0	520	103	1
Selenium					500	510	102	0	510	102	3
Silver					500	520	104	0	520	104	1
Thallium					500	500	100	2	500	100	2
Vanadium					500	500	99	0	500	100	0
Zinc					5000	5100	102	1	5200	104	1

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 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV039				ID: CCV040		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	101	5	500	100	1
Arsenic					500	520	105	0	520	104	1
Barium					2500	2600	103	4	2500	101	0
Beryllium					500	520	104	2	510	102	0
Cadmium					500	520	104	4	500	101	0
Chromium					500	500	99	0	500	100	0
Cobalt					500	530	106	1	530	107	0
Copper					5000	5200	103	0	5200	104	1
Lead					2500	2600	103	5	2500	101	2
Nickel					500	520	104	0	520	104	0
Selenium					500	520	103	5	500	101	1
Silver					500	530	106	3	520	103	1
Thallium					500	520	104	4	510	102	3
Vanadium					500	500	100	0	500	101	0
Zinc					5000	5200	104	1	5200	105	1

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 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV041				ID: CCV042		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	530	105	10	500	101	2
Arsenic					500	520	105	2	510	103	1
Barium					2500	2700	107	10	2500	100	2
Beryllium					500	530	105	9	490	97	2
Cadmium					500	540	107	9	500	101	2
Chromium					500	510	101	2	500	101	1
Cobalt					500	540	108	3	540	108	0
Copper					5000	5300	106	2	5300	107	1
Lead					2500	2700	106	10	2600	102	3
Nickel					500	530	106	1	530	106	1
Selenium					500	540	107	8	520	105	2
Silver					500	550	110	11	510	102	3
Thallium					500	540	108	8	520	104	4
Vanadium					500	510	102	2	510	101	1
Zinc					5000	5300	107	1	5400	108	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV043				ID: CCV044		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	4	490	98	1
Arsenic					500	520	104	1	520	103	1
Barium					2500	2500	100	3	2500	98	1
Beryllium					500	470	94	4	470	93	1
Cadmium					500	490	98	3	490	97	2
Chromium					500	500	101	0	500	100	1
Cobalt					500	540	109	1	550	110	1
Copper					5000	5300	107	1	5300	106	1
Lead					2500	2500	101	1	2500	99	2
Nickel					500	530	107	1	530	106	1
Selenium					500	510	102	2	500	101	2
Silver					500	500	100	2	490	99	2
Thallium					500	510	102	2	500	100	2
Vanadium					500	510	101	1	500	101	0
Zinc					5000	5400	108	1	5400	107	1