

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.: MYD4Q9
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB132762 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV010				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	101	1	500	510	102	1	500	101	2
Arsenic	200	200	101	1	500	510	101	1	500	100	1
Barium	100	97	97	2	2500	2600	103	1	2500	102	2
Beryllium	100	100	104	0	500	530	106	1	520	104	1
Cadmium	100	110	106	2	500	500	100	1	490	99	1
Chromium	100	100	103	1	500	520	103	1	520	103	0
Cobalt	100	100	104	1	500	510	102	1	510	102	0
Copper	100	99	99	1	5000	5000	100	1	5000	101	1
Lead	200	200	101	1	2500	2600	105	1	2600	104	0
Nickel	110	110	104	1	500	510	101	1	510	102	1
Selenium	200	210	107	1	500	500	100	1	490	98	1
Silver	50.0	52	104	2	500	500	101	1	500	100	1
Thallium	210	220	103	2	500	520	105	2	520	104	0
Vanadium	100	99	99	0	500	520	104	1	520	104	1
Zinc	200	200	101	1	5000	4900	98	0	5000	100	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	510	102	1	490	99	5
Arsenic					500	500	101	1	510	101	1
Barium					2500	2600	102	1	2500	99	5
Beryllium					500	520	104	0	500	101	4
Cadmium					500	490	99	1	490	98	6
Chromium					500	520	105	1	520	104	0
Cobalt					500	520	104	1	520	105	1
Copper					5000	5100	103	0	5200	104	0
Lead					2500	2700	106	1	2500	101	6
Nickel					500	520	103	0	520	104	1
Selenium					500	500	100	2	490	98	5
Silver					500	500	100	0	480	96	5
Thallium					500	530	106	2	510	101	6
Vanadium					500	530	106	1	520	105	0
Zinc					5000	5100	102	1	5300	105	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	100	1	500	100	1
Arsenic					500	510	102	1	500	100	1
Barium					2500	2500	101	1	2500	100	1
Beryllium					500	520	104	1	510	102	1
Cadmium					500	500	99	1	490	99	1
Chromium					500	520	104	0	520	103	1
Cobalt					500	530	105	0	520	105	1
Copper					5000	5300	105	0	5200	104	1
Lead					2500	2600	105	0	2600	104	1
Nickel					500	520	104	0	520	104	0
Selenium					500	500	101	0	500	101	1
Silver					500	480	97	1	480	97	1
Thallium					500	520	105	1	520	103	1
Vanadium					500	530	105	0	520	104	1
Zinc					5000	5300	107	1	5200	104	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV027				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	100	1			
Arsenic					500	500	99	1			
Barium					2500	2500	101	1			
Beryllium					500	520	103	1			
Cadmium					500	490	99	1			
Chromium					500	520	104	0			
Cobalt					500	530	105	0			
Copper					5000	5200	104	1			
Lead					2500	2600	105	1			
Nickel					500	520	104	0			
Selenium					500	510	101	1			
Silver					500	480	97	1			
Thallium					500	520	104	2			
Vanadium					500	520	105	0			
Zinc					5000	5300	106	1			

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 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB132954 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV022				ID: CCV079				ID: CCV080		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	100	1	500	520	105	2	520	104	1
Arsenic	200	210	104	1	500	500	100	1	510	102	0
Barium	100	99	99	0	2500	2600	104	1	2600	104	2
Beryllium	100	110	106	0	500	530	105	0	520	104	1
Cadmium	100	110	108	1	500	510	101	2	490	99	0
Chromium	100	110	105	1	500	520	104	2	510	103	0
Cobalt	100	100	105	0	500	500	101	1	500	100	0
Copper	100	100	102	1	5000	5100	101	2	5000	101	0
Lead	200	180	90	1	2500	2600	105	1	2600	105	1
Nickel	110	110	99	0	500	510	102	1	510	102	1
Selenium	200	220	108	1	500	490	99	1	490	97	1
Silver	50.0	52	104	1	500	500	100	3	500	99	1
Thallium	210	200	96	1	500	540	107	1	530	107	1
Vanadium	100	100	102	1	500	530	105	1	520	104	0
Zinc	200	210	104	0	5000	5000	99	1	5000	99	1