

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.: MYDA93
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB133117 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV007				ID: CCV008		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	210	103	1	500	500	101	1	490	98	2
Arsenic	200	200	100	0	500	490	98	1	490	99	1
Barium	100	95	95	1	2500	2500	102	1	2500	100	2
Beryllium	100	95	95	1	500	540	108	0	520	104	3
Cadmium	100	100	104	2	500	480	96	0	470	95	1
Chromium	100	100	102	0	500	500	100	1	490	98	1
Cobalt	100	100	101	0	500	520	104	1	520	103	0
Copper	100	95	95	1	5000	5000	100	1	5000	99	0
Lead	200	200	99	1	2500	2600	103	1	2600	103	1
Nickel	110	100	92	0	500	500	100	0	490	99	0
Selenium	200	210	105	1	500	480	96	1	480	95	1
Silver	50.0	51	102	2	500	500	100	1	490	97	1
Thallium	210	210	100	1	500	510	101	1	510	102	3
Vanadium	100	99	99	0	500	500	101	2	500	99	1
Zinc	200	200	98	0	5000	4800	97	1	4900	98	1

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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	500	100	3	490	98	0
Arsenic					500	490	98	1	480	96	0
Barium					2500	2500	101	1	2500	99	1
Beryllium					500	550	110	1	530	105	1
Cadmium					500	480	96	1	480	95	1
Chromium					500	500	100	0	500	100	0
Cobalt					500	520	103	0	520	104	0
Copper					5000	5000	100	1	5000	101	0
Lead					2500	2500	101	1	2500	101	1
Nickel					500	490	99	1	500	100	0
Selenium					500	470	95	1	470	94	2
Silver					500	500	100	2	490	98	1
Thallium					500	500	101	1	510	102	1
Vanadium					500	500	100	0	500	100	2
Zinc					5000	4900	98	1	4900	98	2

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 Run Batch: LB133117 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV011				ID: CCV012		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	1	490	99	1
Arsenic					500	480	96	1	490	97	1
Barium					2500	2500	99	1	2500	100	1
Beryllium					500	510	101	1	540	109	1
Cadmium					500	490	98	1	490	98	1
Chromium					500	500	99	0	500	100	1
Cobalt					500	520	104	1	520	104	0
Copper					5000	5000	100	0	5000	101	0
Lead					2500	2500	101	1	2500	102	1
Nickel					500	500	100	0	500	100	1
Selenium					500	470	93	2	470	94	1
Silver					500	490	97	1	490	97	1
Thallium					500	510	101	2	510	102	2
Vanadium					500	500	99	1	500	100	1
Zinc					5000	4900	98	0	4900	97	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV013				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	1			
Arsenic					500	480	97	1			
Barium					2500	2500	100	1			
Beryllium					500	540	108	2			
Cadmium					500	490	97	0			
Chromium					500	500	100	1			
Cobalt					500	530	107	1			
Copper					5000	5100	103	1			
Lead					2500	2600	103	1			
Nickel					500	510	102	0			
Selenium					500	470	95	0			
Silver					500	490	97	0			
Thallium					500	510	102	3			
Vanadium					500	510	101	1			
Zinc					5000	5000	100	1			

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 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDA93
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB133124 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV004				ID: CCV014				ID: CCV015		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	210	103	2	500	500	101	1	490	97	0
Arsenic	200	200	99	1	500	480	96	1	480	96	1
Barium	100	98	98	1	2500	2500	100	0	2500	98	1
Beryllium	100	110	109	1	500	540	107	1	550	110	1
Cadmium	100	110	105	2	500	520	104	2	510	102	1
Chromium	100	100	105	0	500	490	98	1	500	100	1
Cobalt	100	100	104	1	500	520	104	1	540	108	0
Copper	100	98	98	0	5000	5000	100	0	5200	105	0
Lead	200	200	100	1	2500	2500	101	2	2500	101	1
Nickel	110	100	94	0	500	500	101	0	530	105	0
Selenium	200	210	104	1	500	470	94	1	470	95	1
Silver	50.0	52	103	2	500	490	98	2	470	95	0
Thallium	210	210	102	2	500	510	102	1	510	102	1
Vanadium	100	100	102	1	500	500	99	0	510	102	0
Zinc	200	200	100	1	5000	4900	98	0	5100	103	0

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 Continuing Calibration Verification Source : MP82579
 Run Batch: LB133124 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV016				ID: CCV017		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	480	96	1	480	95	1
Arsenic					500	470	93	1	470	94	1
Barium					2500	2400	98	1	2400	97	2
Beryllium					500	530	106	2	520	104	1
Cadmium					500	490	99	1	490	99	1
Chromium					500	500	100	1	490	99	1
Cobalt					500	540	108	1	540	107	1
Copper					5000	5200	105	1	5200	105	0
Lead					2500	2500	101	0	2500	100	0
Nickel					500	520	104	0	520	104	0
Selenium					500	460	93	1	470	93	0
Silver					500	460	93	1	460	92	1
Thallium					500	510	101	2	500	101	2
Vanadium					500	500	101	1	500	101	1
Zinc					5000	5200	103	1	5200	103	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV018				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	0			
Arsenic					500	480	96	0			
Barium					2500	2500	101	1			
Beryllium					500	530	107	1			
Cadmium					500	470	95	1			
Chromium					500	510	101	1			
Cobalt					500	530	106	1			
Copper					5000	5200	105	1			
Lead					2500	2600	102	1			
Nickel					500	510	103	1			
Selenium					500	480	95	1			
Silver					500	480	96	1			
Thallium					500	510	102	1			
Vanadium					500	510	102	1			
Zinc					5000	5100	103	1			