

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.: MYD548
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB132787 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV011				ID: CCV041				ID: CCV042		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	210	105	0	500	500	100	1	500	100	1
Arsenic	200	200	102	1	500	480	96	1	470	95	1
Barium	100	100	101	0	2500	2500	101	1	2600	102	1
Beryllium	100	110	109	1	500	520	104	2	500	101	1
Cadmium	100	100	105	1	500	490	99	0	490	97	1
Chromium	100	100	103	1	500	500	100	0	500	99	0
Cobalt	100	100	104	1	500	490	97	0	480	96	0
Copper	100	99	99	1	5000	4700	94	0	4700	94	1
Lead	200	200	98	1	2500	2600	105	1	2600	103	1
Nickel	110	110	96	1	500	480	95	1	480	95	1
Selenium	200	220	110	1	500	500	99	1	490	98	1
Silver	50.0	54	109	1	500	500	100	0	500	99	0
Thallium	210	200	97	2	500	530	106	1	520	104	1
Vanadium	100	100	100	1	500	500	100	0	500	99	1
Zinc	200	200	100	1	5000	4600	92	0	4700	93	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	510	101	1	510	102	1
Arsenic					500	480	95	2	470	95	1
Barium					2500	2600	103	1	2600	103	1
Beryllium					500	510	102	1	510	101	0
Cadmium					500	480	97	1	500	101	1
Chromium					500	500	100	0	500	100	1
Cobalt					500	490	97	0	510	101	1
Copper					5000	4800	95	0	5000	100	1
Lead					2500	2600	105	1	2600	105	1
Nickel					500	480	96	0	500	100	1
Selenium					500	500	99	1	510	102	0
Silver					500	490	99	1	500	100	1
Thallium					500	530	106	0	530	106	1
Vanadium					500	500	101	0	510	101	1
Zinc					5000	4700	94	1	5000	100	0

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 Run Batch: LB132787 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV045				ID: CCV046		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	99	1	500	101	1
Arsenic					500	460	93	2	460	92	0
Barium					2500	2500	100	1	2500	101	0
Beryllium					500	500	100	1	500	101	1
Cadmium					500	480	95	2	480	96	1
Chromium					500	480	97	2	490	99	0
Cobalt					500	480	95	1	490	97	0
Copper					5000	4600	93	1	4800	96	1
Lead					2500	2600	103	0	2600	104	1
Nickel					500	470	93	2	480	96	0
Selenium					500	480	96	2	490	98	1
Silver					500	480	96	1	490	97	1
Thallium					500	520	103	1	530	105	1
Vanadium					500	490	98	1	500	100	0
Zinc					5000	4700	95	2	4800	96	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV047				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	99	1			
Arsenic					500	460	92	2			
Barium					2500	2500	101	0			
Beryllium					500	500	99	1			
Cadmium					500	480	95	1			
Chromium					500	490	99	2			
Cobalt					500	490	97	2			
Copper					5000	4800	96	2			
Lead					2500	2600	104	1			
Nickel					500	480	96	3			
Selenium					500	490	98	2			
Silver					500	480	96	1			
Thallium					500	520	104	1			
Vanadium					500	500	100	2			
Zinc					5000	4800	96	2			

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 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD548
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB132992 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV024				ID: CCV088				ID: CCV089		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	99	1	500	490	98	1	480	96	3
Arsenic	200	200	99	6	500	460	91	3	450	91	1
Barium	100	96	96	1	2500	2400	97	1	2400	96	2
Beryllium	100	100	101	1	500	490	97	1	480	97	2
Cadmium	100	110	110	1	500	470	95	1	460	93	3
Chromium	100	100	103	6	500	470	94	3	460	93	1
Cobalt	100	100	102	5	500	500	100	3	490	99	0
Copper	100	97	97	5	5000	4900	98	2	4800	97	2
Lead	200	190	94	2	2500	2500	99	1	2400	98	2
Nickel	110	100	95	5	500	490	99	2	490	97	0
Selenium	200	210	103	1	500	470	94	1	460	92	2
Silver	50.0	51	102	1	500	480	95	2	460	93	2
Thallium	210	210	101	1	500	490	99	2	490	98	2
Vanadium	100	96	96	5	500	470	93	3	460	91	1
Zinc	200	200	99	6	5000	4800	97	3	4800	95	0

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 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD548
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB132992 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV090				ID: CCV091		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	99	1	490	98	1
Arsenic					500	460	92	1	480	96	4
Barium					2500	2500	99	1	2500	99	2
Beryllium					500	490	99	1	500	100	1
Cadmium					500	480	95	0	470	95	2
Chromium					500	480	95	1	490	99	5
Cobalt					500	500	100	1	520	103	6
Copper					5000	4900	98	2	5100	101	6
Lead					2500	2500	101	1	2500	100	1
Nickel					500	490	98	2	510	102	6
Selenium					500	470	95	2	470	93	2
Silver					500	480	96	1	480	96	2
Thallium					500	510	101	1	500	101	2
Vanadium					500	470	94	1	490	97	5
Zinc					5000	4800	96	1	5000	99	6

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV092				ID: CCV093		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	500	100	2	490	97	2
Arsenic					500	460	91	1	460	92	0
Barium					2500	2500	99	2	2400	98	2
Beryllium					500	500	101	1	510	102	1
Cadmium					500	470	94	1	470	94	2
Chromium					500	480	95	0	480	96	0
Cobalt					500	500	100	1	500	100	1
Copper					5000	4900	99	1	4700	95	0
Lead					2500	2500	100	1	2500	100	1
Nickel					500	490	99	0	500	100	0
Selenium					500	470	93	1	460	93	1
Silver					500	480	96	1	470	94	2
Thallium					500	510	101	2	500	100	1
Vanadium					500	470	94	0	470	94	0
Zinc					5000	4900	97	1	4900	98	0

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 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD548
 Initial Calibration Verification Source : MP82578
 Continuing Calibration Verification Source : MP82579
 Run Batch: LB133015 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV025				ID: CCV094				ID: CCV095		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	190	95	2	500	500	100	1	510	101	1
Arsenic	200	200	100	1	500	500	100	0	510	101	1
Barium	100	93	93	2	2500	2500	101	1	2600	103	1
Beryllium	100	100	102	1	500	520	104	1	520	104	0
Cadmium	100	110	107	1	500	480	96	1	490	98	1
Chromium	100	100	101	1	500	510	101	0	510	102	0
Cobalt	100	100	102	1	500	530	107	0	540	108	0
Copper	100	100	103	0	5000	5100	102	1	5200	105	0
Lead	200	180	91	2	2500	2600	104	1	2600	104	2
Nickel	110	110	98	2	500	530	106	0	540	108	0
Selenium	200	210	103	2	500	490	98	1	500	99	0
Silver	50.0	49	98	2	500	480	96	1	490	98	1
Thallium	210	210	99	1	500	530	105	1	520	105	3
Vanadium	100	97	97	1	500	510	102	0	520	103	1
Zinc	200	200	99	1	5000	5200	104	0	5300	106	1