

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.: MYE543
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133382 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV005				ID: CCV011				ID: CCV012		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	210	104	1	500	500	100	4	510	102	1
Arsenic	200	210	103	2	500	540	107	1	530	106	0
Barium	100	100	105	1	2500	2400	98	5	2500	101	0
Beryllium	100	100	101	1	500	510	103	5	510	103	3
Cadmium	100	110	109	1	500	510	102	4	510	103	0
Chromium	100	100	103	3	500	510	101	1	520	103	1
Cobalt	100	110	106	1	500	540	107	0	540	109	1
Copper	100	99	99	2	5000	5100	102	0	5300	106	0
Lead	200	200	98	0	2500	2500	98	5	2600	102	1
Nickel	110	110	96	1	500	520	105	0	540	108	1
Selenium	200	220	109	1	500	500	101	5	520	104	1
Silver	50.0	54	108	2	500	500	101	4	500	101	1
Thallium	210	190	93	1	500	490	99	4	510	102	0
Vanadium	100	99	99	2	500	510	103	0	520	104	0
Zinc	200	210	105	2	5000	5100	103	1	5300	105	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133382 Analytical Method: ICP-MSConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV013				ID: CCV014		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	0	490	98	1
Arsenic					500	510	102	0	520	103	1
Barium					2500	2400	97	1	2400	97	1
Beryllium					500	500	100	2	490	97	4
Cadmium					500	500	100	0	490	99	1
Chromium					500	510	101	0	510	102	0
Cobalt					500	540	107	1	540	108	1
Copper					5000	5200	104	1	5300	106	0
Lead					2500	2500	100	1	2500	101	1
Nickel					500	530	106	0	540	107	1
Selenium					500	500	101	1	510	102	1
Silver					500	490	98	1	490	98	1
Thallium					500	500	100	1	510	101	2
Vanadium					500	510	103	0	520	103	0
Zinc					5000	5100	103	1	5200	104	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133382 Analytical Method: ICP-MSConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV015				ID: CCV016		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	480	95	1	500	99	1
Arsenic					500	520	104	0	520	104	0
Barium					2500	2400	95	2	2400	97	1
Beryllium					500	470	95	4	490	97	2
Cadmium					500	490	97	1	510	101	1
Chromium					500	510	101	1	500	100	1
Cobalt					500	540	108	1	540	107	1
Copper					5000	5200	105	1	5200	104	1
Lead					2500	2500	99	2	2500	100	2
Nickel					500	530	107	1	530	106	1
Selenium					500	500	100	3	510	102	1
Silver					500	480	96	1	490	99	0
Thallium					500	500	99	2	500	100	2
Vanadium					500	520	103	0	510	102	1
Zinc					5000	5200	104	1	5100	102	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133382 Analytical Method: ICP-MSConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV017				ID: CCV018		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	99	3	500	99	1
Arsenic					500	520	105	0	520	104	1
Barium					2500	2400	96	2	2400	97	0
Beryllium					500	490	98	4	480	96	1
Cadmium					500	500	101	4	500	101	1
Chromium					500	500	101	1	510	102	1
Cobalt					500	530	107	0	550	109	1
Copper					5000	5100	103	1	5300	106	1
Lead					2500	2500	98	4	2500	101	1
Nickel					500	530	106	1	540	108	2
Selenium					500	500	100	3	510	102	1
Silver					500	490	98	2	490	98	1
Thallium					500	490	98	4	500	101	1
Vanadium					500	510	102	0	510	103	2
Zinc					5000	5100	102	1	5200	104	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133382 Analytical Method: ICP-MSConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV019				ID: CCV020		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	470	93	4	470	95	1
Arsenic					500	520	104	1	530	105	2
Barium					2500	2300	93	5	2400	95	1
Beryllium					500	470	94	6	480	95	1
Cadmium					500	480	96	5	490	97	1
Chromium					500	500	101	1	500	101	2
Cobalt					500	540	107	2	540	109	1
Copper					5000	5200	103	1	5300	105	2
Lead					2500	2400	96	4	2500	99	1
Nickel					500	530	106	2	540	108	2
Selenium					500	490	98	4	510	102	1
Silver					500	470	93	5	480	95	2
Thallium					500	480	96	5	490	99	1
Vanadium					500	510	102	1	520	103	2
Zinc					5000	5100	102	1	5200	103	1

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 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133382 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	98	1	490	97	1
Arsenic					500	530	106	1	510	103	0
Barium					2500	2400	98	1	2400	95	1
Beryllium					500	490	99	1	470	94	1
Cadmium					500	500	100	1	510	102	1
Chromium					500	510	102	1	500	99	1
Cobalt					500	550	109	1	540	107	2
Copper					5000	5300	105	1	5100	103	1
Lead					2500	2500	101	1	2500	99	0
Nickel					500	540	108	0	530	106	2
Selenium					500	510	102	1	500	100	1
Silver					500	490	99	0	490	97	2
Thallium					500	510	101	1	490	99	1
Vanadium					500	520	104	2	500	101	1
Zinc					5000	5200	103	1	4900	99	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV023				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	460	93	7			
Arsenic					500	530	105	0			
Barium					2500	2300	91	5			
Beryllium					500	460	92	6			
Cadmium					500	480	97	7			
Chromium					500	510	101	1			
Cobalt					500	550	110	1			
Copper					5000	5300	106	1			
Lead					2500	2400	94	6			
Nickel					500	540	109	1			
Selenium					500	490	97	6			
Silver					500	460	93	7			
Thallium					500	470	95	6			
Vanadium					500	520	103	2			
Zinc					5000	5000	101	1			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133416 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	210	105	1	500	520	104	1	510	101	2
Arsenic	200	210	103	1	500	510	103	0	520	103	1
Barium	100	110	106	1	2500	2500	102	2	2500	99	2
Beryllium	100	99	99	2	500	530	105	4	520	103	3
Cadmium	100	110	110	1	500	530	106	1	510	102	2
Chromium	100	100	104	1	500	490	99	1	510	102	2
Cobalt	100	110	106	2	500	520	103	2	530	106	1
Copper	100	100	100	1	5000	5000	99	1	5200	103	1
Lead	200	200	101	1	2500	2500	102	0	2600	102	2
Nickel	110	110	96	1	500	510	102	2	520	105	2
Selenium	200	200	102	0	500	500	100	1	490	98	1
Silver	50.0	54	109	0	500	520	104	2	500	100	2
Thallium	210	200	95	2	500	510	102	0	510	102	2
Vanadium	100	99	99	1	500	500	100	1	520	103	2
Zinc	200	200	99	2	5000	5000	99	0	5100	103	1

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 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133416 Analytical Method: ICP-MS
 Concentration Units: µg/L

	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	500	100	1	490	97	1
Arsenic					500	510	102	0	510	101	1
Barium					2500	2500	99	1	2500	99	1
Beryllium					500	510	102	3	500	101	1
Cadmium					500	510	102	1	500	100	1
Chromium					500	500	100	1	500	100	2
Cobalt					500	520	104	2	520	104	2
Copper					5000	5100	102	2	5100	103	2
Lead					2500	2500	102	1	2500	101	0
Nickel					500	520	103	1	520	103	1
Selenium					500	500	99	1	490	99	1
Silver					500	500	99	1	500	99	0
Thallium					500	510	102	1	510	102	1
Vanadium					500	510	101	2	500	101	2
Zinc					5000	5000	100	2	5000	101	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543Initial Calibration Verification Source : MP83041Continuing Calibration Verification Source : MP83042Run Batch: LB133416 Analytical Method: ICP-MSConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV005				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	480	97	0			
Arsenic					500	500	101	1			
Barium					2500	2400	98	1			
Beryllium					500	490	98	1			
Cadmium					500	490	98	1			
Chromium					500	500	100	0			
Cobalt					500	510	103	1			
Copper					5000	5100	101	2			
Lead					2500	2500	99	1			
Nickel					500	510	101	1			
Selenium					500	480	96	1			
Silver					500	490	98	1			
Thallium					500	500	100	0			
Vanadium					500	500	99	1			
Zinc					5000	5000	100	2			

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543
 Initial Calibration Verification Source : MP83041
 Continuing Calibration Verification Source : MP83042
 Run Batch: LB133439 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV007				ID: CCV031				ID: CCV032		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	200	100	1	500	490	99	1	500	100	1
Arsenic	200	200	100	2	500	520	103	1	520	103	1
Barium	100	98	98	1	2500	2500	98	1	2500	98	2
Beryllium	100	97	97	2	500	540	107	1	500	100	1
Cadmium	100	100	104	1	500	510	101	1	510	102	1
Chromium	100	98	98	1	500	510	101	2	500	100	1
Cobalt	100	100	100	1	500	540	107	2	520	104	0
Copper	100	95	95	1	5000	5100	102	2	5000	101	1
Lead	200	190	95	1	2500	2500	101	1	2500	101	0
Nickel	110	100	92	1	500	530	105	1	510	102	1
Selenium	200	210	104	2	500	510	101	1	510	102	0
Silver	50.0	51	103	1	500	500	101	1	500	100	1
Thallium	210	190	90	1	500	510	102	1	500	101	1
Vanadium	100	95	95	2	500	510	103	2	500	100	1
Zinc	200	190	97	2	5000	5200	104	2	5000	101	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV033				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	480	97	1			
Arsenic					500	510	101	1			
Barium					2500	2400	95	1			
Beryllium					500	490	98	2			
Cadmium					500	490	98	2			
Chromium					500	490	99	2			
Cobalt					500	520	104	2			
Copper					5000	5100	101	2			
Lead					2500	2400	98	1			
Nickel					500	510	102	2			
Selenium					500	500	100	1			
Silver					500	470	95	1			
Thallium					500	490	97	1			
Vanadium					500	500	100	3			
Zinc					5000	5000	101	1			