

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.: MYD3S7
 Initial Calibration Verification Source : MP82165
 Continuing Calibration Verification Source : MP82166
 Run Batch: LB132631 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	103	1	500	500	100	0	500	99	1
Arsenic	200	210	104	1	500	520	104	1	510	102	1
Barium	100	95	95	1	2500	2500	100	1	2500	98	1
Beryllium	100	110	110	1	500	540	107	1	520	104	1
Cadmium	100	100	104	1	500	500	100	0	490	97	1
Chromium	100	100	102	0	500	500	100	2	510	101	0
Cobalt	100	100	104	0	500	500	99	1	500	101	0
Copper	100	97	97	1	5000	5000	100	0	5100	102	0
Lead	200	200	98	0	2500	2600	102	1	2500	101	1
Nickel	110	110	102	1	500	490	98	0	490	98	0
Selenium	200	210	105	1	500	500	101	1	490	99	1
Silver	50.0	52	104	1	500	510	102	1	500	101	1
Thallium	210	220	103	0	500	520	103	1	510	102	2
Vanadium	100	99	99	1	500	510	101	1	510	102	0
Zinc	200	200	101	1	5000	5100	103	1	5200	104	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD3S7Initial Calibration Verification Source : MP82165Continuing Calibration Verification Source : MP82166Run Batch: LB132631 Analytical Method: ICP-MSConcentration Units: $\mu\text{g/L}$

	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	490	98	0	490	99	0
Arsenic					500	510	102	0	520	103	0
Barium					2500	2500	98	1	2500	99	0
Beryllium					500	530	106	1	530	106	2
Cadmium					500	480	96	0	480	96	0
Chromium					500	500	99	1	510	101	0
Cobalt					500	490	99	1	510	101	1
Copper					5000	5000	101	0	5100	103	1
Lead					2500	2500	100	1	2500	102	1
Nickel					500	480	96	0	490	98	0
Selenium					500	490	99	1	500	99	0
Silver					500	490	99	1	500	100	0
Thallium					500	500	100	2	510	102	1
Vanadium					500	500	101	0	510	103	0
Zinc					5000	5100	102	0	5200	103	0

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 Run Batch: LB132631 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV005				ID: CCV006		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	97	1	480	96	1
Arsenic					500	500	100	1	510	102	2
Barium					2500	2400	97	1	2400	96	1
Beryllium					500	520	104	2	520	105	1
Cadmium					500	470	95	1	480	97	1
Chromium					500	500	99	0	510	101	2
Cobalt					500	500	99	1	510	102	1
Copper					5000	5000	101	0	5200	104	2
Lead					2500	2500	100	0	2500	100	1
Nickel					500	480	96	1	490	98	2
Selenium					500	490	97	1	490	98	0
Silver					500	490	98	1	490	98	1
Thallium					500	500	101	0	500	100	1
Vanadium					500	500	101	0	510	103	2
Zinc					5000	5100	102	1	5200	103	2

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 Initial Calibration Verification Source : MP82165
 Continuing Calibration Verification Source : MP82166
 Run Batch: LB132631 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV007				ID: CCV008		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	480	96	1	490	99	1
Arsenic					500	500	101	1	510	101	0
Barium					2500	2400	96	0	2500	98	1
Beryllium					500	530	106	1	540	108	0
Cadmium					500	480	96	1	480	95	1
Chromium					500	500	100	0	520	103	0
Cobalt					500	500	101	0	520	104	1
Copper					5000	5200	104	0	5300	105	1
Lead					2500	2500	100	1	2500	102	1
Nickel					500	490	97	0	500	100	1
Selenium					500	490	98	2	490	99	1
Silver					500	490	97	1	490	98	1
Thallium					500	500	100	2	510	102	1
Vanadium					500	510	101	0	520	104	0
Zinc					5000	5100	102	1	5400	109	1

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 Initial Calibration Verification Source : MP82165
 Continuing Calibration Verification Source : MP82166
 Run Batch: LB132631 Analytical Method: ICP-MS
 Concentration Units: µg/L

	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	490	97	1	480	97	1
Arsenic					500	500	100	1	490	98	2
Barium					2500	2400	97	1	2400	97	0
Beryllium					500	550	109	2	530	106	2
Cadmium					500	470	94	1	450	91	0
Chromium					500	520	103	0	510	103	1
Cobalt					500	520	104	1	520	103	1
Copper					5000	5300	106	1	5200	104	0
Lead					2500	2500	102	1	2500	102	1
Nickel					500	500	100	1	500	100	0
Selenium					500	490	99	1	480	96	0
Silver					500	490	98	1	470	94	0
Thallium					500	510	102	1	510	102	1
Vanadium					500	520	104	0	520	104	0
Zinc					5000	5400	107	1	5300	107	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD3S7
 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 Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD3S7Initial Calibration Verification Source : MP82578Continuing Calibration Verification Source : MP82579Run Batch: LB132992 Analytical Method: ICP-MSConcentration 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