

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8C9Initial Calibration Verification Source : MP84051Continuing Calibration Verification Source : MP84052Run Batch: LB134612 Analytical Method: ICP-MSConcentration 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	104	0	500	500	100	2	500	100	1
Arsenic	200	210	104	1	500	490	99	0	500	99	1
Barium	100	100	103	1	2500	2500	101	2	2500	100	1
Beryllium	100	100	104	1	500	520	103	2	500	101	1
Cadmium	100	110	106	1	500	490	99	2	490	98	2
Chromium	100	100	103	1	500	510	102	0	510	103	2
Cobalt	100	110	106	1	500	490	99	1	500	101	1
Copper	100	110	107	2	5000	4800	96	2	4800	96	1
Lead	200	210	103	2	2500	2600	103	2	2600	103	1
Manganese	100	100	102	1	5000	5000	100	1	5000	100	2
Molybdenum	5000	4800	96	1	5000	5100	103	1	5100	101	2
Nickel	110	110	96	1	500	460	92	1	460	93	0
Selenium	200	210	106	2	500	490	99	1	490	97	1
Silver	50.0	50	99	1	500	490	97	1	480	96	1
Strontium	500	510	101	1	500	510	102	1	510	101	1
Thallium	210	200	97	1	500	520	104	3	520	103	0
Vanadium	100	99	99	1	500	510	102	1	510	103	1
Zinc	200	200	102	2	5000	4800	96	1	4800	97	2

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8C9
 Initial Calibration Verification Source : MP84051
 Continuing Calibration Verification Source : MP84052
 Run Batch: LB134612 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	500	100	1
Arsenic					500	490	99	2	500	100	1
Barium					2500	2600	102	0	2500	101	2
Beryllium					500	490	99	2	500	100	1
Cadmium					500	490	98	2	500	100	1
Chromium					500	510	102	1	520	103	0
Cobalt					500	500	100	1	500	100	1
Copper					5000	4800	95	1	4800	96	1
Lead					2500	2600	103	1	2600	104	1
Manganese					5000	5000	99	1	4900	99	0
Molybdenum					5000	5000	100	1	5100	103	0
Nickel					500	460	92	1	460	92	1
Selenium					500	480	97	1	490	98	0
Silver					500	490	97	1	480	97	2
Strontium					500	510	101	1	510	102	1
Thallium					500	520	104	0	520	104	2
Vanadium					500	510	101	0	520	103	0
Zinc					5000	4800	95	1	4800	96	1

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	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	500	99	1	500	101	1
Arsenic					500	500	101	5	490	98	0
Barium					2500	2500	100	1	2500	102	1
Beryllium					500	480	97	2	490	99	1
Cadmium					500	490	98	2	500	99	2
Chromium					500	510	103	5	490	98	1
Cobalt					500	500	100	4	480	97	2
Copper					5000	4800	96	5	4700	93	1
Lead					2500	2500	100	2	2600	102	1
Manganese					5000	5000	100	5	4800	96	2
Molybdenum					5000	4900	98	2	5000	100	1
Nickel					500	460	93	5	450	90	1
Selenium					500	470	94	2	480	96	1
Silver					500	480	95	1	480	97	3
Strontium					500	490	99	1	500	100	2
Thallium					500	500	101	2	510	103	1
Vanadium					500	510	103	5	500	100	2
Zinc					5000	4800	96	5	4700	94	1

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Analyte	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV007				ID: CCV008		
	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony					500	490	97	3	490	99	1
Arsenic					500	510	102	5	490	98	1
Barium					2500	2400	98	2	2500	100	2
Beryllium					500	470	94	3	480	95	2
Cadmium					500	480	96	3	490	98	2
Chromium					500	510	102	3	480	96	1
Cobalt					500	500	100	4	480	97	0
Copper					5000	4800	95	3	4600	92	0
Lead					2500	2500	98	3	2500	99	1
Manganese					5000	5000	100	4	4700	95	2
Molybdenum					5000	4800	96	3	4900	99	1
Nickel					500	460	93	3	510	101	0
Selenium					500	470	93	3	490	97	1
Silver					500	470	95	4	480	96	1
Strontium					500	480	96	2	500	100	2
Thallium					500	500	100	5	510	101	1
Vanadium					500	520	103	4	490	98	1
Zinc					5000	4800	96	4	4600	92	1

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8C9
 Initial Calibration Verification Source : MP84473
 Continuing Calibration Verification Source : MP84438
 Run Batch: LB134674 Analytical Method: ICP-MS
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV005				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	210	103	1	500	500	100	2	500	100	1
Arsenic	200	210	103	1	500	500	99	1	490	99	2
Barium	100	100	101	1	2500	2600	102	1	2500	100	2
Beryllium	100	100	102	2	500	510	101	1	510	101	1
Cadmium	100	100	105	1	500	500	101	2	490	98	1
Chromium	100	100	101	0	500	500	100	1	500	100	2
Cobalt	100	110	105	0	500	490	99	1	490	99	2
Copper	100	110	107	1	5000	4800	95	0	4800	95	2
Lead	200	200	99	1	2500	2500	102	2	2500	101	1
Manganese	100	100	100	2	5000	4900	98	1	4900	99	1
Molybdenum	5000	4700	95	2	5000	5000	101	0	5000	100	1
Nickel	110	110	96	1	500	460	93	1	460	92	1
Selenium	200	210	105	2	500	500	99	0	490	97	1
Silver	50.0	49	97	2	500	490	99	1	490	97	1
Strontium	500	520	104	1	500	500	100	1	500	100	1
Thallium	210	200	95	0	500	510	103	1	510	102	1
Vanadium	100	99	99	1	500	500	100	1	490	99	1
Zinc	200	200	101	1	5000	4800	97	2	4800	97	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8C9Initial Calibration Verification Source : MP84473Continuing Calibration Verification Source : MP84438Run Batch: LB134694 Analytical Method: ICP-MSConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV006				ID: CCV025				ID: CCV026		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Antimony	200	180	92	1	500	470	95	1	470	93	1
Arsenic	200	210	104	2	500	510	102	3	520	104	2
Barium	100	91	91	1	2500	2400	95	1	2300	94	1
Beryllium	100	92	92	1	500	490	97	1	480	96	2
Cadmium	100	94	94	0	500	460	92	1	520	103	1
Chromium	100	100	102	1	500	510	102	0	520	104	2
Cobalt	100	100	105	0	500	510	101	1	510	103	2
Copper	100	110	106	1	5000	4900	98	1	4900	98	2
Lead	200	180	92	1	2500	2400	96	1	2300	94	1
Manganese	100	99	99	1	5000	5100	102	1	5100	102	1
Molybdenum	5000	4600	93	2	5000	4700	94	0	4700	93	1
Nickel	110	100	95	1	500	480	96	0	480	96	1
Selenium	200	190	95	1	500	460	92	1	450	90	1
Silver	50.0	48	96	1	500	450	91	2	460	91	1
Strontium	500	490	98	1	500	480	95	1	470	93	1
Thallium	210	190	91	1	500	480	97	2	480	96	1
Vanadium	100	98	98	0	500	510	102	0	520	103	1
Zinc	200	200	101	1	5000	5000	100	1	4900	99	1