

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0Initial Calibration Verification Source : MP84213Continuing Calibration Verification Source : MP84216Run Batch: LB134438 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2500	99	1	400000	400000	101	1	400000	99	2
Antimony	1000	1000	103	0	5000	5300	105	0	4800	97	0
Arsenic	1000	930	93	0	5000	5200	105	0	4900	99	0
Barium	520	510	99	0	10000	9900	99	1	10000	101	0
Beryllium	510	510	100	0	500	530	107	0	490	97	1
Cadmium	510	500	98	0	2500	2600	104	0	2400	97	0
Calcium	10000	9500	95	0	400000	400000	101	1	400000	100	1
Chromium	520	570	109	0	15500	16000	105	0	15000	98	1
Cobalt	520	500	96	0	2500	2600	104	0	2400	97	0
Copper	510	500	98	1	15000	15000	98	0	15000	100	1
Iron	10000	10000	100	0	400000	410000	102	0	400000	101	1
Lead	1000	1000	101	0	25000	26000	103	0	24000	97	0
Magnesium	6000	6000	99	1	400000	400000	100	0	390000	98	1
Manganese	520	490	94	0	15000	15000	100	0	15000	100	1
Nickel	530	510	96	0	2500	2600	104	0	2400	97	0
Potassium	9900	9600	97	1	150000	160000	106	0	150000	103	1
Selenium	1000	950	95	0	5000	5200	105	0	4800	96	0
Silver	250	230	94	0	1250	1300	107	0	1300	101	1
Sodium	10000	10000	102	3	400000	380000	96	1	390000	99	1
Thallium	1000	1100	108	1	5000	5000	101	0	4600	92	1
Vanadium	500	500	101	1	2500	2500	101	0	2400	97	1
Zinc	1000	970	97	0	15000	15000	102	0	15000	100	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV023				ID: CCV024		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	1	400000	100	0
Antimony					5000	4900	98	0	4900	99	1
Arsenic					5000	5000	100	0	5100	102	1
Barium					10000	9900	99	2	10000	100	1
Beryllium					500	480	96	0	490	97	1
Cadmium					2500	2400	97	0	2500	99	0
Calcium					400000	410000	101	0	410000	101	1
Chromium					15500	15000	99	0	15000	99	1
Cobalt					2500	2400	97	0	2500	98	1
Copper					15000	14000	96	0	15000	99	0
Iron					400000	410000	102	0	410000	102	0
Lead					25000	24000	97	0	25000	99	1
Magnesium					400000	400000	100	0	400000	99	0
Manganese					15000	15000	99	0	15000	100	0
Nickel					2500	2400	97	0	2500	98	1
Potassium					150000	150000	103	0	150000	103	0
Selenium					5000	4800	97	0	4900	98	1
Silver					1250	1300	100	0	1300	101	1
Sodium					400000	380000	94	0	390000	97	0
Thallium					5000	4600	92	1	4700	94	1
Vanadium					2500	2400	96	0	2400	98	0
Zinc					15000	15000	100	0	15000	101	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV004				ID: CCV025				ID: CCV026		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2500	98	1	400000	410000	102	0	390000	99	1
Antimony	1000	1100	105	0	5000	5200	105	0	5000	101	0
Arsenic	1000	1000	102	0	5000	5100	102	0	5000	100	0
Barium	520	560	108	0	10000	11000	108	2	10000	102	1
Beryllium	510	500	99	1	500	540	108	0	520	103	0
Cadmium	510	490	96	0	2500	2600	105	0	2600	103	0
Calcium	10000	10000	101	0	400000	420000	104	0	400000	101	0
Chromium	520	550	105	0	15500	16000	106	0	16000	103	0
Cobalt	520	500	95	0	2500	2600	105	0	2500	102	0
Copper	510	500	97	1	15000	16000	108	0	15000	103	0
Iron	10000	9600	96	0	400000	410000	104	0	400000	101	0
Lead	1000	980	98	0	25000	26000	102	0	25000	100	0
Magnesium	6000	6000	101	0	400000	410000	104	0	400000	101	0
Manganese	520	570	110	1	15000	16000	108	0	16000	103	0
Nickel	530	500	95	0	2500	2600	105	0	2500	102	0
Potassium	9900	9600	97	1	150000	160000	108	0	150000	103	0
Selenium	1000	990	99	1	5000	5200	105	0	5000	100	0
Silver	250	230	92	0	1250	1400	109	0	1300	104	0
Sodium	10000	10000	103	3	400000	430000	107	0	400000	100	0
Thallium	1000	1100	108	2	5000	5000	101	1	4900	99	0
Vanadium	500	500	100	1	2500	2600	106	0	2500	102	1
Zinc	1000	960	96	0	15000	16000	107	0	15000	102	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV005				ID: CCV028				ID: CCV029		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	94	1	400000	410000	101	1	400000	100	2
Antimony	1000	1000	100	0	5000	5200	104	0	5200	104	0
Arsenic	1000	1000	100	1	5000	5100	102	0	5100	103	0
Barium	520	560	108	1	10000	11000	110	0	11000	106	3
Beryllium	510	490	97	0	500	520	103	1	500	99	1
Cadmium	510	490	96	0	2500	2600	102	0	2500	100	0
Calcium	10000	10000	101	1	400000	410000	103	1	410000	102	2
Chromium	520	530	103	0	15500	16000	103	0	16000	102	2
Cobalt	520	490	94	0	2500	2600	102	0	2500	100	0
Copper	510	480	93	0	15000	16000	105	0	15000	101	0
Iron	10000	9300	93	1	400000	410000	102	0	410000	102	2
Lead	1000	960	96	0	25000	25000	101	0	25000	99	0
Magnesium	6000	5800	96	0	400000	410000	102	0	400000	101	2
Manganese	520	550	106	1	15000	16000	106	0	16000	104	2
Nickel	530	490	93	0	2500	2600	102	0	2500	100	0
Potassium	9900	9500	96	1	150000	160000	109	1	160000	110	2
Selenium	1000	970	97	1	5000	5100	103	0	5100	102	0
Silver	250	230	90	1	1250	1300	107	0	1300	105	2
Sodium	10000	10000	103	2	400000	410000	103	0	390000	97	0
Thallium	1000	1000	103	1	5000	5000	99	0	4900	97	1
Vanadium	500	500	99	1	2500	2600	103	0	2500	100	1
Zinc	1000	930	93	0	15000	16000	107	0	16000	106	3

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0Initial Calibration Verification Source : MP84212Continuing Calibration Verification Source : MP84216Run Batch: LB134517 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV006				ID: CCV031				ID: CCV032		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2100	86	0	400000	390000	98	1	390000	97	1
Antimony	1000	980	98	1	5000	4800	95	0	4700	95	0
Arsenic	1000	980	98	0	5000	4800	95	0	4700	95	0
Barium	520	480	93	0	10000	10000	100	1	10000	100	1
Beryllium	510	520	102	0	500	480	97	1	480	97	1
Cadmium	510	520	101	0	2500	2500	99	0	2400	98	0
Calcium	10000	9600	96	0	400000	400000	100	0	400000	99	1
Chromium	520	570	109	0	15500	15000	100	0	15000	100	0
Cobalt	520	520	99	0	2500	2500	99	0	2500	98	0
Copper	510	520	102	0	15000	15000	98	0	15000	97	0
Iron	10000	10000	100	0	400000	400000	101	0	400000	100	1
Lead	1000	1000	101	0	25000	24000	97	0	24000	97	0
Magnesium	6000	5200	86	0	400000	400000	100	0	400000	100	1
Manganese	520	510	97	0	15000	15000	101	0	15000	100	1
Nickel	530	520	99	0	2500	2500	98	0	2400	98	0
Potassium	9900	8500	86	0	150000	160000	104	1	150000	103	1
Selenium	1000	930	93	0	5000	4700	95	0	4700	94	0
Silver	250	240	95	0	1250	1300	101	0	1300	101	0
Sodium	10000	9400	94	4	400000	380000	94	0	370000	93	0
Thallium	1000	1100	107	1	5000	4600	93	1	4700	93	1
Vanadium	500	530	105	0	2500	2400	98	0	2400	98	0
Zinc	1000	1000	105	1	15000	15000	102	0	15000	101	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0Initial Calibration Verification Source : MP84389Continuing Calibration Verification Source : MP84392Run Batch: LB134617 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV002				ID: CCV003				ID: CCV004		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	97	3	400000	410000	101	0	400000	101	1
Antimony	1000	910	91	0	5000	5000	101	0	5000	101	0
Arsenic	1000	1100	108	0	5000	4900	98	0	4900	99	0
Barium	520	520	101	3	10000	10000	103	1	10000	102	0
Beryllium	510	530	104	2	500	510	101	1	500	101	0
Cadmium	510	490	96	0	2500	2600	102	0	2500	102	0
Calcium	10000	10000	104	3	400000	410000	102	0	410000	102	0
Chromium	520	550	106	0	15500	16000	102	0	16000	101	0
Cobalt	520	500	97	0	2500	2500	102	0	2500	101	0
Copper	510	520	103	4	15000	15000	102	0	15000	101	0
Iron	10000	10000	104	3	400000	410000	102	0	410000	102	0
Lead	1000	990	99	0	25000	25000	101	0	25000	101	0
Magnesium	6000	6000	100	2	400000	400000	101	0	400000	100	0
Manganese	520	530	102	3	15000	15000	100	0	15000	99	0
Nickel	530	500	95	0	2500	2500	102	0	2500	102	0
Potassium	9900	9000	91	5	150000	150000	102	0	150000	102	1
Selenium	1000	1000	100	0	5000	5000	99	0	5000	100	0
Silver	250	250	98	1	1250	1300	101	0	1300	100	0
Sodium	10000	10000	101	4	400000	400000	100	0	400000	100	1
Thallium	1000	1100	110	0	5000	4900	99	0	4900	99	0
Vanadium	500	520	103	3	2500	2500	101	0	2500	100	0
Zinc	1000	910	91	1	15000	15000	100	1	15000	100	0