

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB42Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133105 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV009				ID: CCV055				ID: CCV056		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	96	1	400000	400000	101	0	400000	100	0
Antimony	1000	1000	100	0	5000	4700	95	0	4700	95	0
Arsenic	1000	970	97	0	5000	5000	99	1	5000	99	0
Barium	520	510	99	0	10000	10000	100	0	9900	99	0
Beryllium	510	520	103	1	500	500	100	0	490	98	1
Cadmium	510	480	94	0	2500	2500	98	0	2500	98	0
Calcium	10000	10000	101	1	400000	400000	100	0	400000	100	0
Chromium	520	570	109	0	15500	15000	99	0	15000	100	0
Cobalt	520	500	95	0	2500	2500	99	0	2500	99	0
Copper	510	490	96	0	15000	15000	100	0	15000	99	0
Iron	10000	11000	109	1	400000	410000	102	0	400000	101	0
Lead	1000	980	98	0	25000	24000	97	0	24000	97	0
Magnesium	6000	6000	99	1	400000	390000	98	0	390000	97	0
Manganese	520	540	103	1	15000	15000	98	0	15000	98	0
Nickel	530	510	96	0	2500	2500	99	0	2500	98	0
Potassium	9900	10000	105	1	150000	150000	101	0	150000	101	0
Selenium	1000	980	98	0	5000	4700	95	0	4800	95	0
Silver	250	240	96	0	1250	1200	100	0	1200	99	0
Sodium	10000	9800	98	0	400000	400000	101	0	400000	101	0
Thallium	1000	1000	102	0	5000	4800	95	1	4800	96	1
Vanadium	500	520	104	2	2500	2500	99	0	2500	99	1
Zinc	1000	1100	108	0	15000	14000	96	1	14000	97	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV057				ID: CCV058		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0	400000	99	0
Antimony					5000	4700	95	0	4800	95	0
Arsenic					5000	4900	99	0	4700	93	0
Barium					10000	9900	99	0	10000	100	0
Beryllium					500	500	99	1	490	99	0
Cadmium					2500	2500	98	0	2400	96	0
Calcium					400000	400000	101	0	400000	100	0
Chromium					15500	15000	100	0	16000	101	0
Cobalt					2500	2500	99	0	2500	100	0
Copper					15000	15000	99	0	15000	100	0
Iron					400000	410000	102	0	400000	100	0
Lead					25000	24000	97	0	24000	98	0
Magnesium					400000	390000	98	0	380000	94	0
Manganese					15000	15000	98	0	15000	99	0
Nickel					2500	2500	98	0	2500	99	0
Potassium					150000	150000	102	0	150000	102	0
Selenium					5000	4800	95	0	4600	93	0
Silver					1250	1200	100	0	1200	100	0
Sodium					400000	410000	102	0	400000	100	0
Thallium					5000	4800	95	0	4600	93	0
Vanadium					2500	2500	99	1	2500	100	1
Zinc					15000	14000	96	1	14000	97	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV059				ID: CCV060		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	98	3	390000	97	1
Antimony					5000	4800	96	1	4700	94	0
Arsenic					5000	4700	93	0	4600	92	0
Barium					10000	9900	99	2	9900	99	1
Beryllium					500	490	98	2	490	98	1
Cadmium					2500	2400	96	0	2400	94	0
Calcium					400000	390000	98	3	390000	97	1
Chromium					15500	16000	100	0	15000	99	0
Cobalt					2500	2500	100	0	2500	99	0
Copper					15000	15000	99	3	15000	98	1
Iron					400000	390000	98	3	390000	97	1
Lead					25000	24000	98	0	24000	97	0
Magnesium					400000	370000	93	3	370000	91	1
Manganese					15000	15000	98	3	15000	97	1
Nickel					2500	2500	99	0	2500	98	0
Potassium					150000	150000	102	3	150000	102	1
Selenium					5000	4600	93	0	4600	91	0
Silver					1250	1200	99	0	1200	97	0
Sodium					400000	390000	98	3	390000	98	1
Thallium					5000	4600	93	0	4600	93	0
Vanadium					2500	2400	98	3	2400	96	1
Zinc					15000	14000	97	1	14000	95	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV061				ID: CCV062		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	400000	100	0
Antimony					5000	4600	91	1	4600	91	0
Arsenic					5000	4700	95	1	4700	94	0
Barium					10000	9700	97	0	9700	97	0
Beryllium					500	470	95	0	470	95	0
Cadmium					2500	2300	91	0	2300	91	0
Calcium					400000	390000	97	0	390000	97	0
Chromium					15500	15000	97	0	15000	96	0
Cobalt					2500	2400	96	0	2400	95	0
Copper					15000	14000	96	0	14000	96	0
Iron					400000	390000	98	0	390000	97	0
Lead					25000	23000	94	0	23000	93	0
Magnesium					400000	380000	96	0	380000	96	0
Manganese					15000	14000	94	0	14000	94	0
Nickel					2500	2400	95	0	2400	95	0
Potassium					150000	150000	100	0	150000	99	0
Selenium					5000	4700	93	0	4700	94	1
Silver					1250	1200	95	0	1200	94	0
Sodium					400000	400000	99	0	400000	99	0
Thallium					5000	4700	95	0	4700	95	0
Vanadium					2500	2400	95	0	2400	94	1
Zinc					15000	14000	94	1	14000	94	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB42Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133105 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV063				ID: CCV064		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0	410000	101	0
Antimony					5000	4600	92	0	4700	93	1
Arsenic					5000	4800	95	0	4800	96	0
Barium					10000	9800	98	0	9800	98	0
Beryllium					500	480	96	0	490	97	0
Cadmium					2500	2300	92	0	2300	92	0
Calcium					400000	390000	97	0	390000	98	0
Chromium					15500	15000	97	0	15000	95	2
Cobalt					2500	2400	96	0	2400	96	0
Copper					15000	14000	96	0	14000	96	0
Iron					400000	390000	98	0	390000	98	0
Lead					25000	23000	94	0	24000	94	0
Magnesium					400000	380000	96	0	390000	97	0
Manganese					15000	14000	94	0	14000	94	0
Nickel					2500	2400	95	0	2400	96	1
Potassium					150000	150000	100	0	150000	101	0
Selenium					5000	4700	94	0	4800	95	0
Silver					1250	1200	95	0	1200	95	2
Sodium					400000	400000	100	0	400000	101	0
Thallium					5000	4800	95	0	4800	95	0
Vanadium					2500	2400	94	1	2400	95	1
Zinc					15000	14000	94	0	14000	93	3

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV065				ID: CCV066		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	2	420000	104	3
Antimony					5000	4600	91	0	4600	93	0
Arsenic					5000	4800	95	0	4800	96	0
Barium					10000	9700	97	2	10000	102	2
Beryllium					500	480	95	2	520	103	3
Cadmium					2500	2300	92	0	2300	92	0
Calcium					400000	380000	96	2	400000	100	3
Chromium					15500	15000	97	0	15000	94	0
Cobalt					2500	2400	96	0	2400	96	0
Copper					15000	14000	94	2	15000	98	3
Iron					400000	380000	96	2	400000	100	3
Lead					25000	23000	94	0	24000	94	0
Magnesium					400000	380000	94	2	390000	98	3
Manganese					15000	14000	93	2	14000	96	3
Nickel					2500	2400	95	0	2400	95	0
Potassium					150000	150000	99	2	160000	104	3
Selenium					5000	4700	93	0	4700	93	0
Silver					1250	1200	94	0	1200	96	0
Sodium					400000	400000	99	2	410000	103	3
Thallium					5000	4800	95	0	4700	95	0
Vanadium					2500	2300	93	1	2400	96	3
Zinc					15000	14000	94	1	14000	94	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB42Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133105 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV067				ID: CCV068		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	4	400000	101	0
Antimony					5000	4700	93	0	4700	93	0
Arsenic					5000	4800	97	0	4800	97	0
Barium					10000	9900	99	4	10000	100	0
Beryllium					500	500	100	3	500	101	0
Cadmium					2500	2300	93	0	2300	93	0
Calcium					400000	390000	99	4	390000	98	0
Chromium					15500	15000	97	1	15000	95	0
Cobalt					2500	2400	96	0	2400	96	0
Copper					15000	14000	96	4	14000	95	0
Iron					400000	390000	98	4	390000	98	0
Lead					25000	24000	95	0	24000	95	0
Magnesium					400000	390000	97	4	380000	96	0
Manganese					15000	14000	94	3	14000	94	0
Nickel					2500	2400	96	0	2400	96	0
Potassium					150000	150000	103	4	150000	101	0
Selenium					5000	4700	95	0	4700	94	0
Silver					1250	1200	97	1	1200	96	1
Sodium					400000	410000	102	4	400000	101	0
Thallium					5000	4800	95	0	4800	95	0
Vanadium					2500	2400	95	4	2400	94	0
Zinc					15000	14000	95	1	14000	95	0

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB42Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133105 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV069				ID: CCV070		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0	400000	100	0
Antimony					5000	4600	93	0	4600	91	0
Arsenic					5000	4800	96	0	4700	94	0
Barium					10000	10000	100	0	9900	99	0
Beryllium					500	500	101	0	480	95	0
Cadmium					2500	2300	93	0	2300	91	0
Calcium					400000	400000	99	0	390000	97	0
Chromium					15500	15000	95	0	15000	96	0
Cobalt					2500	2400	96	0	2400	95	0
Copper					15000	14000	95	0	14000	95	0
Iron					400000	390000	98	0	390000	97	0
Lead					25000	24000	94	0	23000	93	0
Magnesium					400000	390000	97	1	380000	95	0
Manganese					15000	14000	93	0	14000	93	0
Nickel					2500	2400	96	0	2400	94	0
Potassium					150000	150000	102	0	150000	100	0
Selenium					5000	4600	93	0	4600	92	0
Silver					1250	1200	97	0	1200	94	0
Sodium					400000	410000	102	0	400000	101	0
Thallium					5000	4800	95	0	4700	95	0
Vanadium					2500	2400	94	1	2300	93	0
Zinc					15000	14000	94	0	14000	95	1

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB42Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133105 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV071				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	1			
Antimony					5000	4600	93	0			
Arsenic					5000	4800	97	0			
Barium					10000	10000	101	0			
Beryllium					500	490	98	0			
Cadmium					2500	2300	92	0			
Calcium					400000	390000	98	1			
Chromium					15500	15000	95	0			
Cobalt					2500	2400	96	0			
Copper					15000	14000	95	1			
Iron					400000	390000	97	1			
Lead					25000	24000	94	0			
Magnesium					400000	380000	95	0			
Manganese					15000	14000	93	0			
Nickel					2500	2400	96	0			
Potassium					150000	150000	102	0			
Selenium					5000	4700	93	0			
Silver					1250	1200	96	1			
Sodium					400000	410000	101	1			
Thallium					5000	4800	95	0			
Vanadium					2500	2300	93	0			
Zinc					15000	14000	95	1			