

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.: MYDB23Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133118 Analytical Method: ICP-AESConcentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV010				ID: CCV072				ID: CCV073		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2300	94	0	400000	400000	99	0	400000	100	0
Antimony	1000	1100	107	0	5000	4600	93	0	4600	92	0
Arsenic	1000	1000	104	0	5000	5000	100	0	5000	100	0
Barium	520	510	99	0	10000	9700	97	0	9800	98	0
Beryllium	510	540	106	1	500	500	100	1	500	101	0
Cadmium	510	490	96	0	2500	2300	93	0	2300	92	0
Calcium	10000	10000	102	0	400000	400000	99	0	400000	99	0
Chromium	520	560	108	0	15500	15000	95	0	15000	95	0
Cobalt	520	500	96	0	2500	2400	97	0	2400	96	0
Copper	510	490	96	0	15000	14000	96	0	15000	97	0
Iron	10000	11000	110	1	400000	400000	101	0	410000	102	0
Lead	1000	990	99	0	25000	24000	95	0	24000	94	0
Magnesium	6000	5500	91	1	400000	390000	98	0	400000	99	0
Manganese	520	540	103	0	15000	14000	96	0	15000	97	1
Nickel	530	510	97	0	2500	2400	96	0	2400	95	0
Potassium	9900	9300	94	1	150000	150000	98	0	150000	99	0
Selenium	1000	1100	106	0	5000	4600	92	0	4600	91	0
Silver	250	240	98	1	1250	1200	97	0	1200	96	1
Sodium	10000	9800	98	3	400000	390000	98	0	400000	99	0
Thallium	1000	1000	102	1	5000	4700	94	0	4700	94	0
Vanadium	500	530	106	1	2500	2400	96	1	2400	97	1
Zinc	1000	1100	107	0	15000	14000	94	0	14000	95	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV074				ID: CCV075		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	400000	100	0
Antimony					5000	4600	92	0	4600	93	0
Arsenic					5000	5100	101	1	5200	105	0
Barium					10000	9800	98	0	9800	98	0
Beryllium					500	510	101	1	510	103	1
Cadmium					2500	2300	93	0	2300	93	0
Calcium					400000	400000	99	1	400000	99	0
Chromium					15500	15000	95	0	15000	95	0
Cobalt					2500	2400	96	0	2400	97	0
Copper					15000	15000	97	0	14000	96	0
Iron					400000	400000	101	0	400000	101	0
Lead					25000	24000	95	0	24000	95	0
Magnesium					400000	400000	101	1	400000	100	0
Manganese					15000	15000	97	0	14000	96	0
Nickel					2500	2400	96	0	2400	96	0
Potassium					150000	150000	99	0	150000	99	0
Selenium					5000	4600	93	0	4700	93	0
Silver					1250	1200	97	0	1200	98	1
Sodium					400000	400000	99	0	390000	99	0
Thallium					5000	4700	94	0	4700	95	0
Vanadium					2500	2400	96	1	2400	95	1
Zinc					15000	14000	93	0	14000	94	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV076				ID: CCV077		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	0	400000	100	0
Antimony					5000	4600	92	0	4600	92	0
Arsenic					5000	5300	106	0	5300	106	0
Barium					10000	9800	98	0	9800	98	0
Beryllium					500	530	106	0	540	107	0
Cadmium					2500	2400	94	0	2300	94	0
Calcium					400000	400000	100	0	400000	99	0
Chromium					15500	15000	95	0	15000	94	0
Cobalt					2500	2400	97	0	2400	97	0
Copper					15000	14000	96	0	14000	96	0
Iron					400000	410000	102	0	400000	101	0
Lead					25000	24000	96	0	24000	95	0
Magnesium					400000	410000	101	0	400000	101	0
Manganese					15000	14000	97	0	14000	96	0
Nickel					2500	2400	97	0	2400	96	0
Potassium					150000	150000	101	0	150000	101	0
Selenium					5000	4600	92	0	4600	91	0
Silver					1250	1200	99	0	1200	98	0
Sodium					400000	400000	100	0	400000	99	0
Thallium					5000	4700	95	0	4700	94	0
Vanadium					2500	2400	96	1	2400	95	1
Zinc					15000	14000	94	0	14000	93	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV078				ID: CCV079		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	390000	97	0
Antimony					5000	4600	92	0	4700	95	0
Arsenic					5000	5300	107	0	5100	102	0
Barium					10000	9800	98	0	9700	97	0
Beryllium					500	550	109	0	530	107	0
Cadmium					2500	2400	94	0	2300	93	0
Calcium					400000	400000	100	0	390000	97	0
Chromium					15500	14000	93	0	14000	91	1
Cobalt					2500	2400	97	0	2400	95	0
Copper					15000	14000	95	0	14000	93	0
Iron					400000	400000	101	0	390000	98	0
Lead					25000	24000	96	0	24000	94	0
Magnesium					400000	400000	101	0	370000	93	0
Manganese					15000	14000	96	0	14000	93	0
Nickel					2500	2400	97	0	2400	95	0
Potassium					150000	150000	101	0	150000	99	0
Selenium					5000	4600	92	0	4500	90	0
Silver					1250	1200	99	1	1200	97	1
Sodium					400000	400000	100	0	390000	96	0
Thallium					5000	4700	94	0	4600	92	0
Vanadium					2500	2400	95	1	2300	93	0
Zinc					15000	14000	93	1	14000	93	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV080				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	98	0			
Antimony					5000	4800	95	0			
Arsenic					5000	4600	91	0			
Barium					10000	9600	96	0			
Beryllium					500	530	107	1			
Cadmium					2500	2300	93	0			
Calcium					400000	390000	98	0			
Chromium					15500	14000	91	0			
Cobalt					2500	2400	95	0			
Copper					15000	14000	93	0			
Iron					400000	400000	99	0			
Lead					25000	23000	94	0			
Magnesium					400000	380000	95	0			
Manganese					15000	14000	93	0			
Nickel					2500	2400	95	0			
Potassium					150000	150000	99	0			
Selenium					5000	4500	91	0			
Silver					1250	1200	98	0			
Sodium					400000	390000	98	0			
Thallium					5000	4600	91	0			
Vanadium					2500	2300	93	0			
Zinc					15000	14000	94	1			