

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.: MYDBD4Initial Calibration Verification Source : MP82450Continuing Calibration Verification Source : MP82453Run Batch: LB133139 Analytical Method: ICP-AESConcentration 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
Aluminum	2500	2300	91	1	400000	390000	98	0	390000	98	0
Antimony	1000	1100	108	0	5000	4600	91	1	4500	91	0
Arsenic	1000	1000	103	1	5000	4700	94	0	4700	95	1
Barium	520	510	98	0	10000	9600	96	0	9800	98	0
Beryllium	510	530	104	0	500	490	98	1	490	99	1
Cadmium	510	480	94	0	2500	2300	91	1	2300	92	0
Calcium	10000	10000	101	0	400000	390000	97	1	390000	97	0
Chromium	520	550	106	0	15500	15000	95	0	15000	96	0
Cobalt	520	490	95	0	2500	2400	95	1	2400	95	0
Copper	510	490	96	1	15000	14000	96	0	14000	97	0
Iron	10000	11000	109	0	400000	400000	100	0	400000	100	0
Lead	1000	980	98	0	25000	23000	93	1	23000	94	0
Magnesium	6000	5500	91	2	400000	390000	98	0	390000	98	0
Manganese	520	530	102	1	15000	14000	95	0	14000	96	0
Nickel	530	500	95	0	2500	2400	95	1	2400	95	0
Potassium	9900	9700	98	1	150000	150000	98	0	150000	99	0
Selenium	1000	1100	106	0	5000	4600	92	1	4600	92	0
Silver	250	240	96	0	1250	1200	96	0	1200	95	0
Sodium	10000	10000	100	1	400000	390000	99	0	400000	99	0
Thallium	1000	1000	101	0	5000	4700	94	1	4700	95	0
Vanadium	500	520	104	3	2500	2400	95	0	2400	95	0
Zinc	1000	1000	104	0	15000	14000	93	1	14000	93	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID: CCV004		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	99	0	390000	98	1
Antimony					5000	4600	91	0	4600	92	1
Arsenic					5000	4700	94	0	4700	94	0
Barium					10000	9700	97	0	9700	97	1
Beryllium					500	490	99	1	490	99	1
Cadmium					2500	2300	91	0	2300	92	0
Calcium					400000	390000	99	0	390000	97	2
Chromium					15500	15000	95	0	15000	95	0
Cobalt					2500	2400	95	0	2400	96	0
Copper					15000	15000	97	0	14000	95	1
Iron					400000	400000	101	0	400000	100	2
Lead					25000	23000	93	0	23000	94	0
Magnesium					400000	390000	99	0	390000	97	1
Manganese					15000	14000	96	0	14000	95	1
Nickel					2500	2400	95	0	2400	95	0
Potassium					150000	150000	99	0	150000	99	1
Selenium					5000	4600	92	0	4600	92	0
Silver					1250	1200	96	0	1200	97	0
Sodium					400000	400000	101	0	400000	100	1
Thallium					5000	4700	94	0	4700	94	0
Vanadium					2500	2400	97	1	2400	95	1
Zinc					15000	14000	93	1	14000	93	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV010				ID: CCV011		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2300	94	1	400000	400000	100	3	410000	101	0
Antimony	1000	1000	104	0	5000	4700	93	0	4700	94	0
Arsenic	1000	1100	108	1	5000	4900	99	1	5000	100	0
Barium	520	500	96	0	10000	9900	99	3	10000	100	0
Beryllium	510	520	103	0	500	510	101	3	510	102	1
Cadmium	510	490	97	0	2500	2400	98	0	2500	99	0
Calcium	10000	10000	100	0	400000	400000	100	3	400000	101	0
Chromium	520	550	106	0	15500	15000	97	0	15000	97	0
Cobalt	520	490	94	0	2500	2500	98	0	2500	99	1
Copper	510	480	94	1	15000	15000	97	3	15000	99	0
Iron	10000	11000	106	0	400000	400000	101	3	410000	102	1
Lead	1000	970	97	0	25000	24000	97	0	25000	98	1
Magnesium	6000	5600	93	1	400000	410000	102	3	410000	102	0
Manganese	520	520	101	1	15000	15000	97	3	15000	98	1
Nickel	530	500	94	0	2500	2400	98	0	2500	99	0
Potassium	9900	9000	91	1	150000	150000	100	3	150000	102	0
Selenium	1000	1100	108	1	5000	4600	92	0	4700	94	0
Silver	250	240	95	0	1250	1200	100	0	1300	100	1
Sodium	10000	9500	95	2	400000	390000	99	3	400000	100	0
Thallium	1000	1000	104	0	5000	4700	94	0	4700	95	1
Vanadium	500	530	106	1	2500	2400	97	2	2400	98	1
Zinc	1000	1000	101	0	15000	14000	92	1	14000	93	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV012				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	0			
Antimony					5000	4700	95	0			
Arsenic					5000	5100	101	0			
Barium					10000	10000	100	0			
Beryllium					500	510	102	0			
Cadmium					2500	2500	99	0			
Calcium					400000	400000	101	0			
Chromium					15500	15000	98	0			
Cobalt					2500	2500	100	0			
Copper					15000	15000	99	0			
Iron					400000	410000	101	0			
Lead					25000	25000	98	0			
Magnesium					400000	410000	102	0			
Manganese					15000	15000	97	0			
Nickel					2500	2500	99	0			
Potassium					150000	150000	102	0			
Selenium					5000	4700	94	0			
Silver					1250	1200	100	0			
Sodium					400000	400000	100	0			
Thallium					5000	4800	95	0			
Vanadium					2500	2500	99	1			
Zinc					15000	14000	94	0			