

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
 Initial Calibration Verification Source : MP83508
 Continuing Calibration Verification Source : MP83511
 Run Batch: LB134114 Analytical Method: ICP-AES
 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV003				ID: CCV019				ID: CCV020		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	95	2	400000	400000	101	0	410000	102	0
Calcium	10000	10000	100	1	400000	400000	101	0	410000	101	0
Iron	10000	10000	104	1	400000	410000	103	0	410000	103	0
Magnesium	6000	6100	102	0	400000	410000	102	0	410000	102	0
Potassium	9900	9300	94	2	150000	150000	102	0	160000	104	0
Sodium	10000	9400	94	2	400000	410000	101	0	410000	103	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV021				ID: CCV022		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	101	1	410000	103	0
Calcium					400000	400000	100	0	410000	103	0
Iron					400000	400000	101	1	420000	104	0
Magnesium					400000	400000	100	0	410000	104	1
Potassium					150000	150000	102	1	160000	107	1
Sodium					400000	410000	102	1	430000	106	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	99	1	390000	96	0
Calcium					400000	400000	100	1	390000	98	0
Iron					400000	400000	100	1	390000	98	0
Magnesium					400000	400000	100	1	390000	98	0
Potassium					150000	150000	103	0	150000	101	0
Sodium					400000	410000	102	1	400000	99	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV025				ID: CCV026		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	390000	97	0	390000	97	0
Calcium					400000	390000	99	0	390000	98	0
Iron					400000	390000	99	1	390000	98	0
Magnesium					400000	400000	99	1	390000	98	0
Potassium					150000	150000	102	1	150000	101	0
Sodium					400000	410000	101	0	400000	100	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV027				ID: CCV028		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	370000	93	0	380000	96	2
Calcium					400000	380000	95	0	390000	97	2
Iron					400000	370000	93	0	380000	95	2
Magnesium					400000	380000	94	0	380000	96	2
Potassium					150000	150000	97	0	150000	99	2
Sodium					400000	380000	96	0	400000	99	2

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 Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV051				ID: CCV100				ID: CCV101		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	2500	2400	96	0	400000	410000	102	1	410000	103	1
Calcium	10000	10000	102	1	400000	410000	104	0	410000	103	0
Iron	10000	10000	103	1	400000	410000	103	0	420000	104	0
Magnesium	6000	6200	104	2	400000	410000	103	0	420000	104	1
Potassium	9900	9200	93	2	150000	160000	105	0	160000	106	0
Sodium	10000	10000	104	1	400000	420000	104	0	420000	105	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV102				ID: CCV103		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	430000	108	7	400000	101	1
Calcium					400000	430000	107	7	410000	101	0
Iron					400000	430000	109	7	410000	101	1
Magnesium					400000	430000	108	7	410000	102	1
Potassium					150000	160000	108	7	150000	103	1
Sodium					400000	440000	110	6	420000	104	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV104				ID: CCV105		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	102	1	400000	101	0
Calcium					400000	420000	104	1	410000	102	0
Iron					400000	410000	103	0	410000	102	0
Magnesium					400000	410000	103	0	410000	101	0
Potassium					150000	160000	104	1	150000	103	1
Sodium					400000	420000	105	1	410000	102	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV106				ID: CCV107		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	400000	100	0	400000	100	0
Calcium					400000	410000	102	0	410000	102	0
Iron					400000	400000	101	0	410000	102	0
Magnesium					400000	400000	101	0	410000	101	0
Potassium					150000	150000	101	1	150000	101	0
Sodium					400000	410000	102	0	410000	104	1

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV108				ID: CCV109		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	410000	101	0	410000	103	0
Calcium					400000	410000	102	0	410000	103	1
Iron					400000	410000	103	0	420000	104	1
Magnesium					400000	410000	103	1	420000	105	1
Potassium					150000	150000	101	0	150000	102	1
Sodium					400000	420000	106	1	430000	108	0

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	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV110				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					400000	420000	104	0			
Calcium					400000	410000	103	0			
Iron					400000	420000	105	0			
Magnesium					400000	420000	105	0			
Potassium					150000	150000	102	0			
Sodium					400000	440000	109	1			