

FORM 10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51810 MA No.: _____ SDG No.: MC0VL1
 Instrument ID: P5 Date : 03/15/2024

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Cr	Cu	Mn	Mo	Ni
Aluminum	396.152	0	0	0	0.03723	0
Antimony	206.833	0.01070	0	0	-0.00285	-0.00044
Arsenic	189.042	0	0	0	0	0
Barium	493.409	0	0	0	0	0
Beryllium	234.861	0	0	-0.000047	-0.00032	0
Cadmium	214.438	0	0	0	0	0
Calcium	373.69	0	0	0	0	0
Chromium	267.716	0	0	0.00016	0	0
Cobalt	228.616	0	0	0	-0.00123	0
Copper	324.754	0	0	0.000345	0	0.000895
Iron	259.837	0	0	0	0	0
Lead	220.353	0	0.0014	0.00034	-0.00148	0.00063
Magnesium	279.079	0	0	0	0	0
Manganese	257.61	0	0	0	0	0.000897
Nickel	231.604	0	0	0	0	0
Potassium	769.896	0	0	0	0	0
Selenium	196.09	0	0	0.00047	0	0
Silver	328.068	0	0	0.000146	0	0
Sodium	818.326	0	0	0	0	0
Thallium	190.856	0	0	0.00037	-0.00245	0
Vanadium	292.402	-0.00222	0	0	-0.00848	0
Zinc	213.856	0	0	0	0	0.00728

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Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Pb	Ti	V	Zn	
Aluminum	396.152	0	0	0	0	
Antimony	206.833	0	0	-0.001168	0	
Arsenic	189.042	0	0	0	0	
Barium	493.409	0	0	0	0	
Beryllium	234.861	0	0	0	0	
Cadmium	214.438	0	0	0	0	
Calcium	373.69	0	0	0	0	
Chromium	267.716	0	0	0	0	
Cobalt	228.616	0	0.00184	0	0	
Copper	324.754	0	0	0	0	
Iron	259.837	0	0	0	0	
Lead	220.353	0	0	0	0	
Magnesium	279.079	0	0	0	0	
Manganese	257.61	0	0	0	0	
Nickel	231.604	0	0	0	0	
Potassium	769.896	0	0	0	0	
Selenium	196.09	0	0	0	0	
Silver	328.068	0	0	-0.000889	0	
Sodium	818.326	0	0	0	0	
Thallium	190.856	0	-0.00050	-0.01234	0	
Vanadium	292.402	0	0	0	0	
Zinc	213.856	0	0	0	0	

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Aluminum	396.152	0	0	0	0	
Antimony	206.833	0	0	0	0	
Arsenic	189.042	0	0	0	0	
Barium	493.409	0	0	0	0	
Beryllium	234.861	0	0	0	0	
Cadmium	214.438	0	0	0	0	
Calcium	373.69	0	0	0	0	
Chromium	267.716	0	0	0	0	
Cobalt	228.616	0	0	0	0	
Copper	324.754	0	0	0	0	
Iron	259.837	0	0	0	0	
Lead	220.353	0	0	0	0	
Magnesium	279.079	0	0	0	0	
Manganese	257.61	0	0	0	0	
Nickel	231.604	0	0	0	0	
Potassium	769.896	0	0	0	0	
Selenium	196.09	0	0	0	0	
Silver	328.068	0	0	0	0	
Sodium	818.326	0	0	0	0	
Thallium	190.856	0	0	0	0	
Vanadium	292.402	0	0	0	0	
Zinc	213.856	0	0	0	0	