

FORM 10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D27
 Instrument ID: P4 Date : 01/10/2025

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Cr	Cu	Mn	Mo	Ni
Aluminum	396.152	0	0	0	0.0365	0
Antimony	206.833	0.00944	0	0	-0.0056	0
Arsenic	189.042	-0.00080	0	0	0.0013	0
Barium	493.409	0	0	0	0	0
Beryllium	234.861	0	0	-0.00012	-0.00060	0
Cadmium	214.438	0	0	0	0	0
Calcium	373.690	0	0	0	0	0
Chromium	267.716	0	0	0.00026	0	0
Cobalt	228.616	0	0	0	0	0
Copper	324.754	0	0	0	-0.0015	0
Iron	259.837	0	0	0	0	0
Lead	220.353	0	0.00029	0	-0.0014	0
Magnesium	279.079	0	0	0	0	0
Manganese	257.61	0	0	0	0	0
Nickel	231.604	0	0	0	0	0
Potassium	769.896	0	0	0	0	0
Selenium	196.09	0	0	0.00058	0	0
Silver	328.068	0	0	0	0	0
Sodium	818.326	0	0	0	0	0
Thallium	190.856	0	0	0.00188	-0.0125	0
Vanadium	292.402	-0.0056	0	0	-0.0157	0
Zinc	213.856	0	0	0	0	0.0080

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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	-0.00184	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	373.690	0	0	0	0	
Chromium	267.716	0	0	0	0	
Cobalt	228.616	0	0.0019	0	0	
Copper	324.754	0	0	0	0	
Iron	259.837	0	0	0	0	
Lead	220.353	0	-0.00037	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	-0.00022	-0.00038	0	
Sodium	818.326	0	0	0	0	
Thallium	190.856	0	-0.0025	-0.02068	0	
Vanadium	292.402	0	0.0010	0	0	
Zinc	213.856	0	0	0	0	

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Analyte	Wave- Length (nm)	Interelement Correction Factors For				
Aluminum	396.152	0	0	0	0	
Antimony	206.833	-0.0064	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	373.690	0	0	0	0	
Chromium	267.716	0	0	0	0	
Cobalt	228.616	0	0	0	0	
Copper	324.754	0.0034	0	0	0	
Iron	259.837	-0.0326	0.0022	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	0.00076	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	0.0025	0	0	0	