



ARCONIC SPECTROCHEMICAL REFERENCE MATERIALS

Certificate of Analysis

KA-413 AC

Certified: June 07, 2016

Element	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ag
Weight Percent	11.11	0.748	0.0810	0.151	0.021	0.0006	0.0298	0.031	0.0278	0.0000
Estimated Uncertainty	0.09	0.009	0.0009	0.004	0.002	0.0002	0.0005	0.002	0.0007	0.0002
Element	As	B	Be	Bi	Ca	Cd	Co	Ga	Li	Na
Weight Percent	(0.0000)	0.0001	0.00001	0.0000	0.0007	0.0000	0.0003	0.0188	0.00000	0.00009
Estimated Uncertainty		0.0002	0.00005	0.0002	0.0003	0.0002	0.0002	0.0009	0.00005	0.00005
Element	P	Pb	Sb	Sc	Sn	Sr	V	Zr		
Weight Percent	(0.0006)	0.0422	(0.0000)	(0.0000)	0.041	0.0218	0.0100	0.0014		
Estimated Uncertainty		0.0006			0.002	0.0004	0.0006	0.0002		

This certificate of analysis applies to sections 1 thru 37.

Alcoa Inc. recently separated into two companies; Arconic Inc. and Alcoa Corp. Alcoa Spectrochemical Standards is now part of Arconic Inc. and has been renamed Arconic Spectrochemical Reference Materials. Some products and packaging may still be marked with the Alcoa Inc. logo while this certificate of analysis (COA) is marked with the Arconic Inc. logo. The CRM or RM is traceable to this COA through the lot number stamped on the CRM or RM regardless of the logo.

Arconic Inc.

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