



ARCONIC SPECTROCHEMICAL REFERENCE MATERIALS

Certificate of Analysis

Certified: March 08, 2016

WG-7075F

Element	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ag
Weight Percent	0.290	0.153	1.60	0.192	2.61	0.184	0.0026	5.82	0.0788	0.0001
Estimated Uncertainty	0.004	0.009	0.04	0.005	0.04	0.006	0.0004	0.06	0.0009	0.0002
Element	As	B	Be	Bi	Ca	Cd	Co	Ga	Li	Na
Weight Percent	(0.0000)	0.0001	0.00000	0.0001	0.0000	0.0000	0.0000	0.0209	0.00000	0.00014
Estimated Uncertainty	0.0002	0.0002	0.00005	0.0002	0.0002	0.0002	0.0002	0.0009	0.00005	0.00005
Element	P	Pb	Sb	Sc	Sn	Sr	V	Zr		
Weight Percent	(0.0002)	0.0013	(0.0000)	(0.0000)	0.0003	0.0001	0.0081	0.0011		
Estimated Uncertainty	0.0004	0.0004	0.00002	0.0002	0.0002	0.0002	0.0004	0.0004		

This certificate of analysis applies to sections 1 thru 36.

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.

* Arconic Spectrochemical Reference Materials

* 100 Technical Drive

* New Kensington, PA 15069

Michael L. Ruschak
Technical Manager



Testing Certificate # 1019_01
17025:2005 Chemical Testing

Registered to ISO 9001:2008 by
BSI Management System America, Inc.

See Reverse for Application Notes



REFERENCE MATERIAL
PRODUCER
Certificate Number: AR-1993