

BRAMMER STANDARD COMPANY, INC.



Labortechnik

Eberhard-Finckh-Strasse 5
D-72829 Engstingen

Tel.: +49 (0)71 29/93 67-0 · Fax +49 (0)71 29/93 67-10
info@hrt-labortechnik.de · www.hrt-labortechnik.de

Certificate of Analysis

BS 836A-2

Certified Reference Material for Bronze CDA Grade 836 - UNS Number C83600

	Certified Value ¹	Estimate of Uncertainty ²	Certified Values ³	Certified Value ¹	Estimate of Uncertainty ²
Ag	0.023	0.001			
As	0.008	0.001			
Cu	84.7	0.5			
Fe	0.025	0.001			
Ni	0.46	0.01			
P	0.083	0.001			
Pb	5.32	0.04			
S	0.042	0.001			
Sb	0.068	0.002			
Sn	4.58	0.04			
Zn	4.55	0.03			



Reference Values^{3,4}

Al	0.0015	0.0006
Si	0.0021	0.0004

Informational Values^{3,5}

C (0.01)

Mn (0.0009)

¹ For each element, the certified value listed is the present best estimate of the true value based on the mean of the weighted results of an interlaboratory testing program. See page 3 for more information on its calculation.

² For each element, the uncertainty listed is based on a statistical evaluation of the contributions of homogeneity and the interlaboratory testing program. See page 6 for more information on its calculation.

³ Values are given in weight percent.

⁴ Reference values are not certified and are provided for your reference only.

⁵ Values in parentheses are not certified and are provided for information only.

The requirements of ISO Guides 31, 34, and 35 were followed for the preparation of this Certified Reference Material and certificate of analysis. This is a Certified Reference Material as defined by ISO Guide 30.

Brammer Standard Company, Inc., 14603 Benfer Road, Houston, TX 77069-2895
Telephone: (281) 440-9396 Fax: (281) 440-4432 Website: www.brammerstandard.com
Certificate Number 836A-2-082813 Page 1/5