

Brammer Standard Company, Inc.
Provisional Certificate of Analysis

B.S. 825E
Reference Material for Nickel Alloy 825

	Estimated Value ¹	Estimate of Uncertainty ²		Estimated Value ¹	Estimate of Uncertainty ²
Analysis listed as percent by weight					
C	0.010	0.003	B	0.0025	0.0003
Mn	0.51	0.02	Co	0.26	0.02
P	0.015	0.002	N	0.011	0.001
S	0.0009	0.0003	Nb	0.19	0.02
Si	0.23	0.02	Ti	0.81	0.01
Cu	1.72	0.04	V	0.047	0.005
Ni	40.1	0.2	W	0.17	0.01
Cr	21.9	0.1			
Mo	2.72	0.04		Informational value ³	
Fe	31.4	0.2	Ca	(0.001)	
Al	0.080	0.006			

¹ The estimated value listed is the present best estimate of the true value based on the results of an interlaboratory testing program.

² The uncertainties listed are based on value judgments of the material inhomogeneity and the 95% confidence interval. The half-width confidence interval C(95%) is shown on page 2.

³ Data in parentheses are provided for information only.

Provisional Certificate Number prov825E-060710

A detailed final certificate of analysis will be supplied by September 30, 2010.

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