Brammer Standard Company, Inc.

Provisional Certificate of Analysis

B.S. 825D

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	**0.015**	0.002	**B**	**0.0020**	0.0003
Mn	**0.46**	0.02	**Co**	**0.30**	0.02
P	**0.018**	0.002	**N**	**0.008**	0.001
S	**0.0007**	0.0002	**Nb**	**0.14**	0.02
Si	**0.13**	0.01	**Ti**	**1.08**	0.02
Cu	**1.73**	0.03	**V**	**0.042**	0.004
Ni	**45.2**	0.1	**W**	**0.20**	0.01
Cr	**21.5**	0.2			
Mo	**3.14**	0.03	Informational values[3]		
Fe	**25.9**	0.1	Ca	(0.0018)	
Al	**0.083**	0.004	O	(0.0011)	

[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.

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

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