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.

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

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