BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS CD4MCU-A

Certified Reference Material for High Alloy Steel - UNS J93370

	Estimated Analysis ¹			Estimated Analysis ¹
		Analysis listed as percent by weight		
ΑI	0.01		Nb	0.01
As	0.002		Ni	5.2
В	<0.005		0	<0.05
С	0.021		Р	<0.05
Ca	<0.005		Pb	<0.005
Co	0.003		S	0.008
Cr	24.8		Si	0.31
Cu	2.9		Sn	0.002
Fe	[64.4]		Ti	0.02
Mg	<0.005		V	<0.5
Mn	0.36		W	0.009
Мо	1.9		Zr	<0.005
N	<0.5			

Form: This CRM is machined in the form of a disc approximately 44 mm in diameter and 19 mm thick by Brammer Standard Company, Inc.

A detailed final certificate of analysis will be supplied by July 23, 2020.

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Data Sheet Number provCD4MCU-A-072318 Page 1/1

¹ The estimated value listed is the present best estimate of the true value. Values are given in weight percent.