

# BRAMMER STANDARD COMPANY, INC.

## Provisional Certificate of Analysis BS 4140C

Certified Reference Material for AISI Steel Grade 4140 - UNS Number G41400

Estimated Analysis <sup>1</sup>		Estimated Analysis <sup>1</sup>	
	Analysis listed as percent by weight		
Al	0.02	Ni	0.12
As	<0.05	O	<0.05
B	<0.005	P	0.01
C	0.42	Pb	<0.005
Ca	0.001	S	0.03
Co	0.008	Sb	0.003
Cr	0.95	Si	0.28
Cu	0.26	Sn	0.01
Fe	[96.8]	Ta	<0.05
Mg	<0.005	Ti	0.001
Mn	0.93	V	0.003
Mo	0.17	W	<0.05
N	<0.05	Zr	0.001
Nb	0.002		

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

**Form:** This CRM is machined in the form of a disc approximately 38 mm in diameter and 19 mm thick by Brammer Standard Company, Inc.

**A detailed final certificate of analysis will be supplied by February 19, 2022.**