

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 4150MOD-A

Certified Reference Material for AISI Steel Grade 4150 with Sulfur added

	Estimated Analysis ¹		Estimated Analysis ¹
Analysis listed as percent by weight			
Al	0.002	Nb	<0.05
As	0.003	Ni	0.09
B	<0.005	O	<0.05
C	0.50	P	0.017
Ca	<0.005	Pb	<0.005
Co	0.007	S	0.06
Cr	0.80	Sb	<0.05
Cu	0.19	Si	0.25
Fe	[96.7]	Sn	0.009
Mg	<0.005	Ti	<0.05
Mn	1.1	V	0.28
Mo	0.17	W	<0.05
N	<0.05	Zr	<0.005

¹ 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 June 11, 2020.

