

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 54H

Certified Reference Material for Railroad Steel

Estimated
Analysis¹

Estimated
Analysis¹

Analysis listed as percent by weight

Al	<0.5	N	<0.05
As	<0.05	Nb	<0.005
B	<0.005	Ni	0.36
C	0.74	O	<0.005
Ca	0.0001	P	0.003
Co	0.003	Pb	0.002
Cr	0.37	S	0.005
Cu	0.047	Si	0.52
Fe	[97.1]	Sn	<0.05
Mg	<0.0005	Ti	<0.005
Mn	0.82	V	0.001
Mo	0.01	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 44 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.

