

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis

BS 450

Certified Reference Material for Stainless Steel Grade 450 - UNS Number S45000

	Estimated Analysis ¹		Estimated Analysis ¹
Analysis listed as percent by weight			
Al	0.004	Ni	6.2
As	0.003	O	<0.05
B	<0.005	P	0.016
C	0.03	Pb	0.002
Ca	<0.005	S	0.001
Co	0.03	Sb	<0.05
Cr	14.4	Si	0.32
Cu	1.52	Sn	0.004
Fe	[75.4]	Ti	<0.05
Mn	0.60	V	0.05
Mo	0.67	W	0.018
N	0.02	Zr	<0.05
Nb	0.59		

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 December 19, 2021.