

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 172B

Certified Reference Material for Stellite 188 Cobalt Base Alloy - UNS Number R30188

	Estimated Analysis ¹		Estimated Analysis ¹
Analysis listed as percent by weight			
Al	0.23	N	<0.5
As	<0.5	Nb	0.04
B	0.005	Ni	22.5
C	0.056	O	<0.005
Co	[35.1]	P	0.01
Cr	22.5	S	<0.005
Cu	0.023	Si	0.33
Fe	2.46	Ta	<0.5
La	0.06	Ti	0.085
Mg	<0.05	V	0.008
Mn	0.97	W	15.32
Mo	0.31	Zr	<0.5

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 December 26, 2020.

