

Brammer Standard Company, Inc.

Data Sheet for Setting-up Material

BS SU 410

AISI 410 Grade Stainless Steel

(UNS Number S41000)

Estimated
Analysis

Estimated
Analysis

Analysis listed as percent by weight

C	0.124	B	0.0002
Mn	0.41	Ca	0.0002
P	0.020	Co	0.015
S	0.008	N	0.0284
Si	0.35	Nb	0.003
Cu	0.039	O	0.0038
Ni	0.098	Sn	0.004
Cr	12.02	Ti	0.003
Mo	0.017	V	0.029
Al	0.010	W	0.004

Analysis: The above chemistry is supplied as an approximate guide to the composition and must not be regarded as the certified analysis. The estimated analysis is based on in-house analysis and data provided by two Proficiency Testing Programs (PTP). This material was used in a PTP in 1997 with the sample number 9732 and in 2005 with the sample number 0511.

Homogeneity: This material has been studied for homogeneity and was found to be suitable for use as a setting-up material.

Use: This material may be used for instrument drift control. It is suitable for Spark Atomic Emission and XRF Spectrometers. Avoid sparking the center of the material. It must not be used for instrument calibration.

Size: The bar diameter is 40 mm and thickness is 40 mm.

Stability and Storage: The solid material is very stable and should be stored in normal laboratory environmental conditions.

Data Sheet Number SU-410-120110

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