

# BRAMMER STANDARD COMPANY, INC.

## Provisional Certificate of Analysis

### BS 510C

Certified Reference Material for Phosphor Bronze Grade CDA 510 - UNS Number C51000

	Estimated Analysis <sup>1</sup>		Estimated Analysis <sup>1</sup>
Analysis listed as percent by weight			
Ag	<0.05	Ni	0.016
Al	<0.05	O	<0.005
As	0.003	P	0.34
C	0.001	Pb	0.005
Ca	<0.005	S	0.002
Co	0.001	Sb	0.006
Cr	<0.005	Si	0.003
Cu	[93.9]	Sn	5.5
Fe	0.004	Zn	0.13
Mg	<0.005	Zr	<0.005
Mn	<0.005		

<sup>1</sup> 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 5, 2021.**