

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 903E

Certified Reference Material for Tin Bronze CDA 903 - UNS Number C90300

| | Estimated Analysis ¹ | | Estimated Analysis ¹ |
|--------------------------------------|---------------------------------|----|---------------------------------|
| Analysis listed as percent by weight | | | |
| Al | 0.001 | Pb | 0.10 |
| As | 0.003 | S | 0.009 |
| Cu | [87.0] | Sb | 0.01 |
| Fe | <0.05 | Si | <0.05 |
| Ni | 0.28 | Sn | 8.7 |
| P | 0.055 | Zn | 3.9 |

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 August 24, 2018.