

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 706C

Certified Reference Material for CDA Grade 706 Copper Alloy - UNS Number C70600

| | Estimated Analysis ¹ | | Estimated Analysis ¹ |
|--------------------------------------|---------------------------------|----|---------------------------------|
| Analysis listed as percent by weight | | | |
| Al | 0.002 | O | <0.005 |
| As | <0.05 | P | <0.05 |
| C | 0.004 | Pb | <0.05 |
| Co | 0.003 | S | 0.004 |
| Cu | [87.3] | Sb | <0.005 |
| Fe | 1.6 | Si | 0.002 |
| Mn | 0.66 | Sn | 0.009 |
| Ni | 10.3 | Zn | <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 August 24, 2018