

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 304B

Certified Reference Material for Stainless Steel Grade 304 - UNS Number S30400

| | Estimated Analysis ¹ | | Estimated Analysis ¹ |
|--------------------------------------|---------------------------------|----|---------------------------------|
| Analysis listed as percent by weight | | | |
| Al | 0.003 | Nb | 0.083 |
| As | 0.005 | Ni | 8.7 |
| B | 0.0005 | O | 0.003 |
| C | 0.018 | P | 0.024 |
| Ca | 0.0009 | Pb | <0.005 |
| Co | 0.22 | S | 0.024 |
| Cr | 18.3 | Si | 0.54 |
| Cu | 0.26 | Sn | 0.006 |
| Fe | [69.6] | Ti | 0.003 |
| Mg | 0.0002 | V | 0.097 |
| Mn | 1.71 | W | 0.017 |
| Mo | 0.42 | Zr | 0.0026 |
| N | 0.079 | | |

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 October 6, 2018.