

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 1005

Certified Reference Material for 1005 Carbon Steel

| | Estimated Analysis ¹ | | Estimated Analysis ¹ |
|--------------------------------------|---------------------------------|----|---------------------------------|
| Analysis listed as percent by weight | | | |
| Al | 0.028 | Ni | 0.013 |
| As | <0.05 | O | <0.05 |
| B | <0.0005 | P | 0.012 |
| C | 0.008 | Pb | <0.0005 |
| Co | 0.003 | S | 0.008 |
| Cr | 0.033 | Sb | 0.001 |
| Cu | 0.012 | Si | 0.049 |
| Fe | [99.6] | Sn | <0.05 |
| Mg | <0.005 | Ti | 0.002 |
| Mn | 0.22 | V | 0.001 |
| Mo | 0.005 | W | <0.005 |
| N | <0.05 | Zr | <0.005 |
| Nb | <0.005 | | |

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 September 14, 2020.

