

Traceable Certificate

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Page 1 of 1 Pages
Weight
 ID Number WGT-123
 Order Number CC
 Certificate Number TRACE-EXMP
 Date Of Calibration 16-Jul-2021
 Calibration Due Date 16-Jul-2022
 As Found In Tolerance
 As Left In Tolerance

Troemner, LLC
 201 Wolf Drive
 Thorofare, NJ 08086

Description of Weights: ASTM Weight

Material	Assumed Density at 20 °C	Range
Stainless Steel	7.95 g/cm ³	100mg

Tested with Reference Standards Traceable to the National Institute of Standards & Technology through NIST Test Number 684/289871-17.

We certify that the weights listed are calibrated to ASTM E617-18 Class 1 tolerances.

The calibration of these weights is based on apparent mass vs material of density 8.0 g/cm³.

Nominal Mass Value Notes	Serial Number	Correction before Calibration *	Correction after Calibration *	Tolerance (+ or -)	Uncertainty (+ or -)
100 mg	1000154314	0.0007 mg	0.0007 mg	0.010 mg	0.0032 mg

* Correction is defined as the difference between the mass value of a weight and its nominal value. A positive correction indicates that the mass value is greater than the nominal value by the amount of the correction.


 Lynn Dickerson, Metrologist, Approved Signatory