# RICE LAKE Certificate of Weight Calibration

ISO/IEC 17025 & ANSI/NCSL Z540-1-1994; Part 1 Accredited

**Traceable Certificate Number:** 2927074
**Contractor:** LMI CORPORATION
101 N ALLOY DR STE B
FENTON, MI 48430

**Purchase Order Number:** 70011750
**Client:** LMI CORPORATION
101 N ALLOY DR STE B
FENTON, MI 48430

**Date Received:** 01 Jul 2019
**Date Calibrated:** 08 Jul 2019
**Recall Date:** 08 Jul 2024
**Temperature Range:** 21.77 °C
**Pressure Range:** 733.15 mmHg
**Relative Humidity Range:** 45 %
**Air Density Range:** 1.1497 mg/cm$^3$
**NIST Certificate Number:** 684/286541-15
If there are two NIST numbers, one or both may apply
**Calibrated By:** 22
**Procedure:** Inter-comparison Method (WI05-0023 Rev. K)
**Condition of Weights:** New
**Description of Weights:** 200 g Satin Finish Weight, NIST Class F, S/N 8818

| | | As Found | | | As Left | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nominal Value | ID or S/N | Conv. Mass | Conv. Mass Corr (mg) | MPE Pass | Conv. Mass | Conv. Mass Corr (mg) | MPE Pass | Unc. (mg) | *k* | MPE* (mg) | Balance Used | Standard Set Used | Assumed Density (g/cm$^3$) |
| 200 g | 8818 | 200.0092 | 9.2 | Y | **200.0092** | **9.2** | Y | 4.8 | 2 | 40 | 1813Q | D563Q | 7.84 |

ID: LMI CORPORATION - 8818
Desc: 200Gram Weight
By: RICE LAKE WEIGHING SYSTEMS
Done: 7/10/2019 Due: 7/10/2024

☐ This report contains data not covered by the NVLAP Accreditation if the box is checked.

Check with your local state agency for certification of compliance on Legal for Trade Items. *The weight accuracy class is referenced in the Description of Weights. Unless otherwise noted, the weights calibrated meet the requirements of the accuracy class. Results relate only to weights calibrated. The Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (2019), NIST Handbook 105-1 (1990), ASTM E617-18 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Prepared By:
Rice Lake Weighing Systems
230 West Coleman Street, Rice Lake, WI 54868 • USA • PN 64787 • 6/19
TEL: 715-234-9171 • FAX: 715-234-6967 • **www.ricelake.com**
Definitions: http://certs.ricelake.com/certs/DefinitionsV2.docx

**Dated 08 Jul 2019**

Tami Dennis

Tami Dennis, Lab Technician



NVLAP CALIBRATION NVLAP LAB CODE 105001-0



A2LA ACCREDITED Certificate #4363.01