

## CERTIFICATE OF CALIBRATION

**Client:** Berks Packing Co., Inc.

**Address:** 19602

**County:**

**Service Location:** n/a

**Equipment ID:**

**Equipment Location:** n/a

**Equipment Type:** 3596

**Testing Method:**

**Next Calibration Due:** 02/11/2022

### Test Results

**Calibration Date:** 02/11/2022

**Environment:** Acceptable

**Temp/RH:** 1/1

**As Found:** PASS

**As Left:** PASS

### Indicating Element

**Manufacturer:** Doran

**Model:** 2200

**Serial:** 20F0015008

### Load Receiving Element

**Manufacturer:** Rice Lake

**Model:** BM1010S-20

**Serial:** 1916400041

**Capacity:** 500 mg

**Resolution:** 5

**Unit Of Measure:** Kg

**Tolerance:** 33

### LINEARITY/ACCURACY

| AS FOUND |             |                 |          |           |             | AS LEFT  |             |                 |         |           |             |
|----------|-------------|-----------------|----------|-----------|-------------|----------|-------------|-----------------|---------|-----------|-------------|
| Standard | Description | Tolerance-Range | As Found | Pass/Fail | Uncertainty | Standard | Description | Tolerance-Range | As Left | Pass/Fail | Uncertainty |
| 0 lb     | No Load     | 0-0             | 0 lb     | Pass      | 0           | 0 lb     | No Load     | 0-0             | 0 lb    | Pass      | 0           |
| 5 lb     | Build 1     | 4.99-5.01       | 5 lb     | Pass      | 0           | 5 lb     | Build 1     | 4.99-5.01       | 5 lb    | Pass      | 0           |
| 10 lb    | Build 2     | 9.99-10.01      | 10 lb    | Pass      | 0           | 10 lb    | Build 2     | 9.99-10.01      | 10 lb   | Pass      | 0           |
| 15 lb    | Build 3     | 14.985-15.015   | 15 lb    | Pass      | 0           | 15 lb    | Build 3     | 14.985-15.015   | 15 lb   | Pass      | 0           |
| 20 lb    | Build 4     | 19.985-20.015   | 20 lb    | Pass      | 0           | 20 lb    | Build 4     | 19.985-20.015   | 20 lb   | Pass      | 0           |
| 0 lb     | Return Zero | -0.005-0.005    | 0 lb     | Pass      | 0           | 0 lb     | Return Zero | -0.005-0.005    | 0 lb    | Pass      | 0           |
| 10 lb    | Decreasing  | 9.99-10.01      | 10 lb    | Pass      | 0           | 10 lb    | Decreasing  | 9.99-10.01      | 10 lb   | Pass      | 0           |

### REPEATABILITY

| No. | Standard | As Found | As Left |
|-----|----------|----------|---------|
| 1   | 7        | 7        | 7       |
| 2   | 7        | 7        | 7       |
| 3   | 7        | 7        | 7       |
| 4   | 7        | 7        | 7       |
| 5   | 7        | 7        | 7       |
| 6   | 7        | 7        | 7       |
| 7   | 7        | 7        | 7       |
| 8   | 7        | 7        | 7       |
| 9   | 7        | 7        | 7       |
| 10  | 7        | 7        | 7       |

### SHIFT/ECCENTRICITY

| Standard: 7 lb |          |         |
|----------------|----------|---------|
| No.            | As Found | As Left |
| 1              | 7 lb     | 7 lb    |
| 2              | 7 lb     | 7 lb    |
| 3              | 7 lb     | 7 lb    |
| 4              | 7 lb     | 7 lb    |
| 5              | 7 lb     | 7 lb    |

Michael Schlott

02/27/2022

Technician Printed Name

Technician Signature

Date

\* All calibrations, when specified, are performed in accordance with current ISO/IEC 17025, and ANSI/NCSL Z540-1 Standards and Bitterman Scales, LLC Quality System.

\* Standards used are traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST) or other National Metrology Institute (NMI).

\* Results obtained apply to the unit under test only and are reflective of conditions at the time of calibration.

\* Calibration results may drift from document values prior to calibration due date.

\* This certificate shall not be reproduced except in full, without written approval of Bitterman Scales, LLC.

\* Expanded uncertainties are calculated using methods described in the guide to the Expression of Uncertainty Measurement (GUM) using a coverage factor of k=2 indicating a 95% confidence level.

\* An "In Tolerance" (Pass) or "Out of Tolerance" (Fail) result indicates all measured values fall within or outside unmodified tolerance limits. The statements of compliance do not take the reported measurement uncertainty into account. This is a shared risk decision rule which the customer also has responsibility for determining acceptance of the results.

Calibrated By:

Approved By:

Form FORMCERT Rev. xx

SIR Licence #:

SIR Licence #: