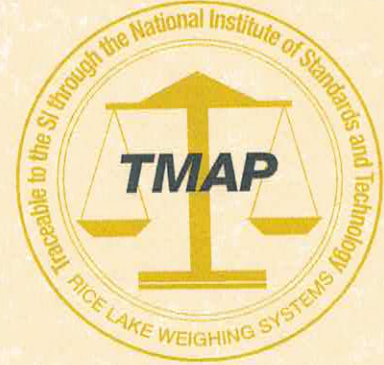


Traceable Certificate Number: 2750179
Contractor: BASTROP SCALE COMPANY
 PO BOX 2100
 BASTROP, TX 78602-9100

Purchase Order Number: 180516RB04
Client: BASTROP SCALE COMPANY
 192 HARMON RD
 BASTROP, TX 78602

Date Received: 24 May 2018
Date Calibrated: 30 May 2018
Recall Date: 30 May 2019
Temperature Range: 21.32 °C to 21.53 °C
Pressure Range: 723.39 mmHg to 725.16 mmHg
Relative Humidity Range: 46 % to 52 %
Air Density Range: 1.1351 mg/cm³ to 1.1385 mg/cm³
NIST Certificate Number: 684/286541-15 & 684/285268-14



◇ Indicates new weight

Although there are two NIST numbers, one or both may apply
Calibrated By: 03, 17, 24
Procedure: Inter-comparison Method (WI05-0095)
Condition of Weights: Acceptable for Calibration
Description of Weights: 1 mg to 100 g Polished Weights, ASTM Class 1, S/N AP-1M89

Nominal Value	ID or S/N	As Found			As Left			Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm ³)
		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass						
1 mg		1.00390	0.00390	Y	1.00390	0.00390	Y	0.00093	2	0.010	503Q	L595Q	7.95
2 mg	◇	2.00269	0.00269	Y	2.00269	0.00269	Y	0.00094	2	0.010	503Q	L595Q	7.95
2 mg		2.00416	0.00416	Y	2.00416	0.00416	Y	0.00094	2	0.010	503Q	L595Q	7.95
5 mg		5.0003	0.0003	Y	5.0003	0.0003	Y	0.0012	2	0.010	503Q	L595Q	7.95
10 mg		9.9940	-0.0060	Y	9.9940	-0.0060	Y	0.0016	2	0.010	503Q	L595Q	7.95
20 mg	◇	20.0030	0.0030	Y	20.0030	0.0030	Y	0.0016	2	0.010	503Q	L595Q	7.95
20 mg		19.9933	-0.0067	Y	19.9933	-0.0067	Y	0.0016	2	0.010	503Q	L595Q	7.95
50 mg		50.0012	0.0012	Y	50.0012	0.0012	Y	0.0019	2	0.010	503Q	L595Q	7.95
100 mg		99.9977	-0.0023	Y	99.9977	-0.0023	Y	0.0016	2	0.010	503Q	L595Q	7.95
200 mg		199.9987	-0.0013	Y	199.9987	-0.0013	Y	0.0010	2	0.010	503Q	L595Q	7.95
200 mg		199.9975	-0.0025	Y	199.9975	-0.0025	Y	0.0010	2	0.010	503Q	L595Q	7.95
500 mg		500.0031	0.0031	Y	500.0031	0.0031	Y	0.0014	2	0.010	503Q	L595Q	7.95
1 g		1.000043	0.0043	Y	1.000043	0.0043	Y	0.0031	2	0.034	650Q	L595Q	7.95
2 g		1.9999839	-0.0161	Y	1.9999839	-0.0161	Y	0.0033	2	0.034	650Q	L595Q	7.95
2 g		1.9999964	-0.0036	Y	1.9999964	-0.0036	Y	0.0033	2	0.034	650Q	L595Q	7.95
5 g		5.0000160	0.0160	Y	5.0000160	0.0160	Y	0.0049	2	0.034	650Q	L595Q	7.95
10 g		9.999991	-0.009	Y	9.999991	-0.009	Y	0.010	2	0.050	1470Q	L595Q	7.95
20 g		20.000003	0.003	Y	20.000003	0.003	Y	0.013	2	0.074	1470Q	L595Q	7.95
20 g		20.000018	0.018	Y	20.000018	0.018	Y	0.013	2	0.074	1470Q	L595Q	7.95

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. 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

Prepared By: 105-1 (1990), ASTM E617-13 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Rice Lake Weighing Systems

230 West Coleman Street, Rice Lake, WI 54868 • USA • PN 64787 • 3/18

TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com

Definitions: <http://certs.ricelake.com/certs/DefinitionsV2.docx>

Dated 30 May 2018

Dan Demers, Metrologist



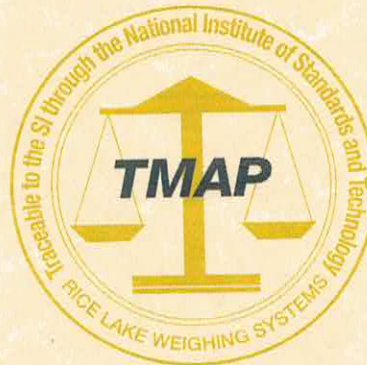
The Uncertainty assigned to the Conventional Mass values are the result of the root-sum-square of the type A and type B components, calculated in accordance with NIST SOP 29 and ISO GUM, with a coverage factor (k), to express the expanded uncertainty with an approximate 95.45 % confidence level. This Report is not to be used to claim product certification, approval, or endorsement by NVLAP, NIST, A2LA or any agency of the U.S. Government. This document shall not be reproduced, except in full, without the written approval of Rice Lake Weighing Systems' Metrology Laboratory.



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Nominal Value	ID or S/N	As Found			As Left			Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm ³)
		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass						
50 g		50.000073	0.073	Y	50.000073	0.073	Y	0.022	2	0.12	1470Q	L595Q	7.95
100 g		99.999944	-0.056	Y	99.999944	-0.056	Y	0.035	2	0.25	1470Q	L595Q	7.95

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Prepared By: Rice Lake Weighing Systems
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 TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com
 Definitions: <http://certs.ricelake.com/certs/DefinitionsV2.docx>

Dated 30 May 2018

Dan Demers
 Dan Demers, Metrologist



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