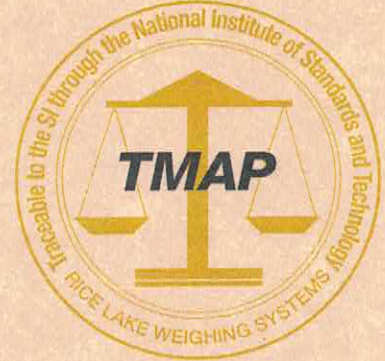


Traceable Certificate Number: 2671023
Contractor: BASTROP SCALE COMPANY
 PO BOX 2100
 BASTROP, TX 78602-9100

Purchase Order Number: 171016KB03
Client: BASTROP SCALE COMPANY
 89 FISHER RD
 VICTORIA, TX 77905

Date Received: 14 Nov 2017
Date Calibrated: 17 Nov 2017 to 13 Dec 2017
Recall Date: 17 Nov 2018
Temperature Range: 21.63 °C to 22.04 °C
Pressure Range: 716.08 mmHg to 723.94 mmHg
Relative Humidity Range: 48 % to 55 %
Air Density Range: 1.1216 mg/cm³ to 1.1351 mg/cm³
NIST Certificate Number: 684/286541-15 & 684/284451-14



Indicates Corr + Unc >= Tol
 ★ Indicates replaced out of tolerance weight

Although there are two NIST numbers, one or both may apply
Calibrated By: 20
Procedure: Inter-comparison Method (WI05-0095)
Condition of Weights: Acceptable for Calibration
Description of Weights: 1 mg to 100 g Polished Weight Kit, ASTM Class 1, S/N 3BHP, ASSET# 8023

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		1.0060	0.0060	Y	1.0060	0.0060	Y	0.0012	2	0.010	1605Q	K594Q	7.95
2 mg		2.0026	0.0026	Y	2.0026	0.0026	Y	0.0011	2	0.010	1605Q	K594Q	7.95
2 mg .		2.0022	0.0022	Y	2.0022	0.0022	Y	0.0011	2	0.010	1605Q	K594Q	7.95
5 mg		5.0023	0.0023	Y	5.0023	0.0023	Y	0.0012	2	0.010	1605Q	K594Q	7.95
10 mg		9.9994	-0.0006	Y	9.9994	-0.0006	Y	0.0017	2	0.010	1605Q	K594Q	7.95
20 mg		20.0026	0.0026	Y	20.0026	0.0026	Y	0.0015	2	0.010	1605Q	K594Q	7.95
20 mg .		20.0016	0.0016	Y	20.0016	0.0016	Y	0.0015	2	0.010	1605Q	K594Q	7.95
50 mg ★		49.9902	-0.0098	N <input checked="" type="checkbox"/>	50.0040	0.0040	Y	0.0017	2	0.010	1605Q	K594Q	7.95
100 mg		99.9998	-0.0002	Y	99.9998	-0.0002	Y	0.0024	2	0.010	1605Q	K594Q	7.95
200 mg		199.9963	-0.0037	Y	199.9963	-0.0037	Y	0.0021	2	0.010	1605Q	K594Q	7.95
200 mg .		199.9986	-0.0014	Y	199.9986	-0.0014	Y	0.0021	2	0.010	1605Q	K594Q	7.95
500 mg		499.9976	-0.0024	Y	499.9976	-0.0024	Y	0.0022	2	0.010	1605Q	K594Q	7.95
1 g		0.9999930	-0.0070	Y	0.9999930	-0.0070	Y	0.0024	2	0.034	1605Q	K594Q	7.95
2 g		2.0000000	0.0000	Y	2.0000000	0.0000	Y	0.0022	2	0.034	1605Q	K594Q	7.95
2 g .		2.0000102	0.0102	Y	2.0000102	0.0102	Y	0.0022	2	0.034	1605Q	K594Q	7.95
5 g		5.0000088	0.0088	Y	5.0000088	0.0088	Y	0.0034	2	0.034	1605Q	K594Q	7.95
10 g		9.999965	-0.035	Y	9.999965	-0.035	Y	0.011	2	0.050	676Q	K594Q	7.95
20 g		20.000016	0.016	Y	20.000016	0.016	Y	0.011	2	0.074	676Q	K594Q	7.95
20 g .		20.000010	0.010	Y	20.000010	0.010	Y	0.011	2	0.074	676Q	K594Q	7.95

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 105-1 (1990), ASTM E617-13 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
 TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com
 Definitions: <http://certs.ricelake.com/certs/DefinitionsV2.docx>

Dated 13 Dec 2017

Dan Demers
 Dan Demers, Metrologist

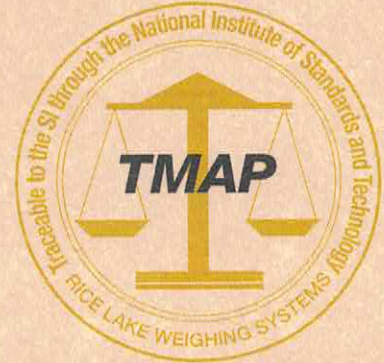
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Nominal Value	ID or S/N	As Found			As Left			Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Assumed	
		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass					Set Used	Density (g/cm ³)
50 g		49.999996	-0.004	Y	49.999996	-0.004	Y	0.016	2	0.12	1631Q	K594Q	7.95
100 g		99.999937	-0.063	Y	99.999937	-0.063	Y	0.030	2	0.25	1631Q	K594Q	7.95

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

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