

Traceable Certificate Number: 2823879
Contractor: BASTROP SCALE COMPANY
 PO BOX 2100
 BASTROP, TX 78602-9100

Purchase Order Number: 181003KB03
Client: BASTROP SCALE COMPANY
 192 HARMON RD
 PO DRAWER 2100
 BASTROP, TX 78602

Date Received: 31 Oct 2018
Date Calibrated: 02 Nov 2018 to 06 Nov 2018
Recall Date: 02 Nov 2019
Temperature Range: 22.22 °C to 22.40 °C
Pressure Range: 721.01 mmHg to 728.57 mmHg
Relative Humidity Range: 46 % to 51 %
Air Density Range: 1.1279 mg/cm³ to 1.1399 mg/cm³
NIST Certificate Number: 684/286541-15



Indicates Corr + Unc >= MPE
 ★ Indicates replaced out of tolerance weight
 ▲ Indicates missing weight. Replaced with new weight

Although there are two NIST numbers, one or both may apply
Calibrated By: 20
Procedure: Inter-comparison Method (WI05-0095)
Condition of Weights: New
Description of Weights: 1 mg to 100 g Polished Weight Kit, ASTM Class 1, S/N Q411

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	Q411	1.0043	0.0043	Y	1.0043	0.0043	Y	0.0011	2	0.010	1605Q	K594Q	7.95
2 mg	Q411	2.0071	0.0071	Y	2.0071	0.0071	Y	0.0011	2	0.010	1605Q	K594Q	7.95
2 mg	Q411. ▲	2.0046	0.0046	Y	2.0046	0.0046	Y	0.0011	2	0.010	1605Q	K594Q	7.95
5 mg	Q411	5.0013	0.0013	Y	5.0013	0.0013	Y	0.0012	2	0.010	1605Q	K594Q	7.95
10 mg	Q411	10.0006	0.0006	Y	10.0006	0.0006	Y	0.0014	2	0.010	1605Q	K594Q	7.95
20 mg	Q411	19.9941	-0.0059	Y	19.9941	-0.0059	Y	0.0013	2	0.010	1605Q	K594Q	7.95
20 mg	Q411.	20.0036	0.0036	Y	20.0036	0.0036	Y	0.0013	2	0.010	1605Q	K594Q	7.95
50 mg	Q411	49.9959	-0.0041	Y	49.9959	-0.0041	Y	0.0014	2	0.010	1605Q	K594Q	7.95
100 mg	Q411	99.9989	-0.0011	Y	99.9989	-0.0011	Y	0.0014	2	0.010	1605Q	K594Q	7.95
200 mg	Q411	200.0016	0.0016	Y	200.0016	0.0016	Y	0.0014	2	0.010	1605Q	K594Q	7.95
200 mg	Q411.	200.0026	0.0026	Y	200.0026	0.0026	Y	0.0014	2	0.010	1605Q	K594Q	7.95
500 mg	Q411	499.9954	-0.0046	Y	499.9954	-0.0046	Y	0.0018	2	0.010	1605Q	K594Q	7.95
1 g	Q411. ★	0.9999633	-0.0367	N <input checked="" type="checkbox"/>	1.0000158	0.0158	Y	0.0027	2	0.034	1605Q	K594Q	7.95
2 g	Q411	1.9999797	-0.0203	Y	1.9999797	-0.0203	Y	0.0030	2	0.034	1605Q	K594Q	7.95
2 g	Q411.	1.9999827	-0.0173	Y	1.9999827	-0.0173	Y	0.0030	2	0.034	1605Q	K594Q	7.95
5 g	Q411	4.9999502	-0.0498	N <input checked="" type="checkbox"/>	5.0000170	0.0170	Y	0.0057	2	0.034	1605Q	K594Q	7.95
10 g	Q411	9.999960	-0.040	N <input checked="" type="checkbox"/>	10.000016	0.016	Y	0.014	2	0.050	676Q	K594Q	7.95
20 g	Q411	19.999969	-0.031	Y	19.999969	-0.031	Y	0.013	2	0.074	676Q	K594Q	7.95
20 g	Q411.	19.999973	-0.027	Y	19.999973	-0.027	Y	0.013	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.

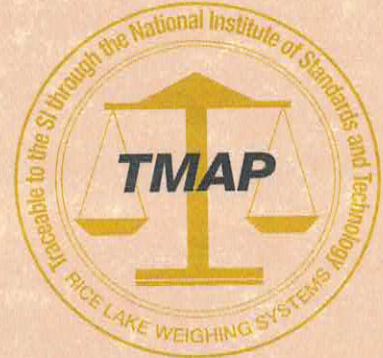
Prepared By: Rice Lake Weighing Systems
 230 West Coleman Street, Rice Lake, WI 54868 • USA
 TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com
 Definitions: <http://certs.ricelake.com/certs/DefinitionsV2.docx>

Dated 06 Nov 2018

Dan Demers
 Dan Demers, Metrologist

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		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass						
50 g	Q411	49.999897	-0.103	N <input checked="" type="checkbox"/>	50.000028	0.028	Y	0.018	2	0.12	1631Q	K594Q	7.95
100 g	Q411	99.999735	-0.265	N <input checked="" type="checkbox"/>	100.000070	0.070	Y	0.032	2	0.25	1631Q	K594Q	7.95

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