

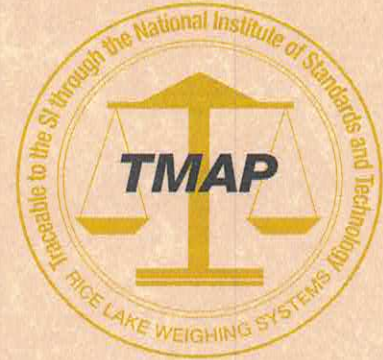
**Traceable Certificate Number:** 2823647  
**Contractor:** BASTROP SCALE COMPANY  
 PO BOX 2100  
 BASTROP, TX 78602-9100

**Purchase Order Number:** 181003KB02  
**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:** 21.52 °C to 22.38 °C  
**Pressure Range:** 720.70 mmHg to 728.86 mmHg  
**Relative Humidity Range:** 46 % to 50 %  
**Air Density Range:** 1.1306 mg/cm<sup>3</sup> to 1.1403 mg/cm<sup>3</sup>  
**NIST Certificate Number:** 684/286541-15

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:** 200 g to 5 kg Satin Finish Weights, ASTM Class 1



\* Although this test weight has been tested for the tolerance of the class for which it was submitted, it does not meet the finish requirements for that class

Nominal Value	ID or S/N	As Found			As Left			Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm <sup>3</sup> )
		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass						
200 g	M841 *	200.000214	0.214	Y	200.000214	0.214	Y	0.042	2	0.50	1810Q	K594Q	7.84
300 g	M840 *	299.999990	-0.010	Y	299.999990	-0.010	Y	0.049	2	0.75	1810Q	K594Q	7.84
400 g	M839 *	399.999516	-0.484	Y	399.999516	-0.484	Y	0.076	2	0.98	1810Q	K594Q	7.84
500 g	M838 *	499.999939	-0.061	Y	499.999939	-0.061	Y	0.067	2	1.2	1810Q	K594Q	7.84
1 kg	M837 *	0.99999995	-0.05	Y	0.99999995	-0.05	Y	0.12	2	2.5	1810Q	K594Q	7.84
2 kg	M836 *	1.99999496	-5.04	N	2.00000027	0.27	Y	0.53	2	5.0	124Q	K594Q	7.84
3 kg	M835 *	2.99999381	-6.19	Y	2.99999381	-6.19	Y	0.60	2	7.5	124Q	K594Q	7.84
4 kg	M834 *	3.99999876	-1.24	Y	3.99999876	-1.24	Y	0.69	2	9.8	124Q	K594Q	7.84
5 kg	M833 *	4.99998784	-12.16	N	5.00000511	5.11	Y	0.84	2	12	124Q	K594Q	7.84

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  
 TEL: 715-234-9171 • FAX: 715-234-6967 • [www.ricelake.com](http://www.ricelake.com)

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

**Dated 06 Nov 2018**

Dan Demers, Metrologist