

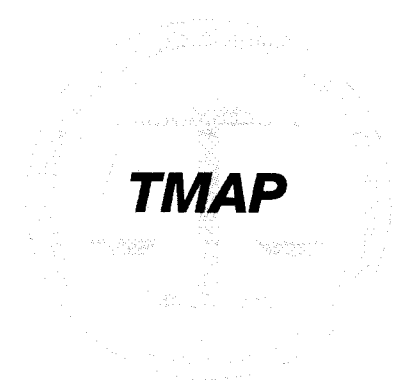
Traceable Certificate Number: 2538183
Contractor: FOX VALLEY INDUSTRIAL SCALE
 109 FORD DR STE D
 NEW LENOX, IL 60451-4507

Purchase Order Number: VERBAL JIM
Client: FOX VALLEY INDUSTRIAL SCALE CO
 109 FORD DR STE D
 NEW LENOX, IL 60451

Date Received: 12 Jan 2017
Date Calibrated: 17 Jan 2017
Recall Date: 2 years
Temperature Range: 20.93 °C to 21.59 °C
Pressure Range: 729.03 mmHg to 729.68 mmHg
Relative Humidity Range: 51.23 % to 54.37 %
Air Density Range: 1.1432 mg/cm³ to 1.1467 mg/cm³
NIST Certificate Number: 684/286541-15 & 684/284451-14

Although there are two NIST numbers, one or both may apply

Tested By: 20, 22
Procedure: Inter-comparison Method (WI05-0023)
Condition of Weights: New
Description of Weights: 1 mg - 2 kg Satin Finish Weight Kit, NIST Class F, S/N 6W2C



Nominal Value	ID	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		1.039	0.039	Y	1.039	0.039	Y	0.013	2	0.10	327Q	K594Q	7.95
2 mg		2.004	0.004	Y	2.004	0.004	Y	0.015	2	0.12	327Q	K594Q	7.95
2 mg .		2.054	0.054	Y	2.054	0.054	Y	0.015	2	0.12	327Q	K594Q	7.95
5 mg		5.068	0.068	Y	5.068	0.068	Y	0.021	2	0.17	327Q	K594Q	7.95
10 mg		10.080	0.080	Y	10.080	0.080	Y	0.025	2	0.21	327Q	K594Q	7.95
20 mg		20.104	0.104	Y	20.104	0.104	Y	0.031	2	0.26	327Q	K594Q	7.95
20 mg .		20.108	0.108	Y	20.108	0.108	Y	0.031	2	0.26	327Q	K594Q	7.95
50 mg		50.111	0.111	Y	50.111	0.111	Y	0.042	2	0.35	327Q	K594Q	7.95
100 mg		100.170	0.170	Y	100.170	0.170	Y	0.051	2	0.43	327Q	K594Q	7.95
200 mg		200.263	0.263	Y	200.263	0.263	Y	0.064	2	0.54	327Q	K594Q	7.95
200 mg .		200.270	0.270	Y	200.270	0.270	Y	0.064	2	0.54	327Q	K594Q	7.95
500 mg		500.347	0.347	Y	500.347	0.347	Y	0.085	2	0.72	327Q	K594Q	7.95
1 g		1.00018	0.18	Y	1.00018	0.18	Y	0.11	2	0.90	638Q	D563Q	7.84
2 g		2.00056	0.56	Y	2.00056	0.56	Y	0.14	2	1.1	638Q	D563Q	7.84
2 g .		2.00049	0.49	Y	2.00049	0.49	Y	0.14	2	1.1	638Q	D563Q	7.84
5 g		5.00062	0.62	Y	5.00062	0.62	Y	0.18	2	1.5	638Q	D563Q	7.84
10 g		10.00045	0.45	Y	10.00045	0.45	Y	0.24	2	2.0	638Q	D563Q	7.84
20 g		20.00109	1.09	Y	20.00109	1.09	Y	0.51	2	4.0	1221Q	D563Q	7.84
20 g .		20.00099	0.99	Y	20.00099	0.99	Y	0.51	2	4.0	1221Q	D563Q	7.84

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 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/DefinitionsV1.docx>

Dated 17 Jan 2017

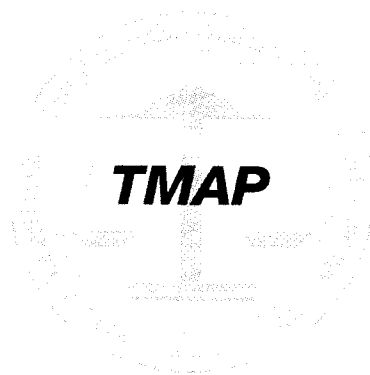
Dan Demers
 Dan Demers, Metrologist



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 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.

Traceable Certificate Number: 2538183
Contractor: FOX VALLEY INDUSTRIAL SCALE
 109 FORD DR STE D
 NEW LENOX, IL 60451-4507

Purchase Order Number: VERBAL JIM
Client: FOX VALLEY INDUSTRIAL SCALE CO
 109 FORD DR STE D
 NEW LENOX, IL 60451



Date Received: 12 Jan 2017
Date Calibrated: 17 Jan 2017
Recall Date: 2 years
Temperature Range: 20.93 °C to 21.59 °C
Pressure Range: 729.03 mmHg to 729.68 mmHg
Relative Humidity Range: 51.23 % to 54.37 %
Air Density Range: 1.1432 mg/cm³ to 1.1467 mg/cm³
NIST Certificate Number: 684/286541-15 & 684/284451-14

Although there are two NIST numbers, one or both may apply

Tested By: 20, 22
Procedure: Inter-comparison Method (WI05-0023)
Condition of Weights: New
Description of Weights: 1 mg - 2 kg Satin Finish Weight Kit, NIST Class F, S/N 6W2C

Nominal Value	ID	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		50.0035		3.5 Y	50.0035		3.5 Y	1.2	2	10	1221Q	D563Q	7.84
100 g		100.0066		6.6 Y	100.0066		6.6 Y	2.4	2	20	1221Q	D563Q	7.84
200 g		200.0093		9.3 Y	200.0093		9.3 Y	4.7	2	40	1221Q	D563Q	7.84
200 g		200.0092		9.2 Y	200.0092		9.2 Y	4.7	2	40	1221Q	D563Q	7.84
500 g		500.0179		17.9 Y	500.0179		17.9 Y	9.4	2	70	859Q	D563Q	7.84
1 kg		1.000029		29 Y	1.000029		29 Y	13	2	100	859Q	D563Q	7.84
2 kg		2.000059		59 Y	2.000059		59 Y	24	2	200	859Q	D563Q	7.84

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 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/DefinitionsV1.docx>

Dated 17 Jan 2017

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 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.