

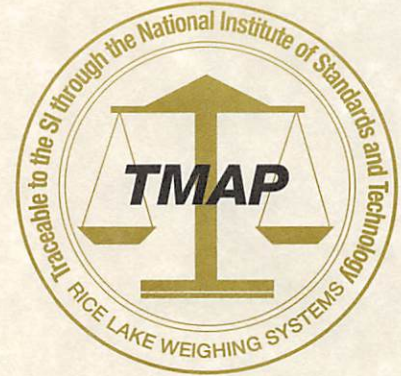
Traceable Calibration CERTIFICATE

ANSI/NCSL Z540-1-1994; Part 1 & ISO/IEC 17025 Accredited

Contractor: Abacus Scales
 1640 W Pershing Rd
 Chicago, IL 60609

Purchase Order #: 142250
Client: Abacus Scales
Address: 1640 W Pershing Rd

City & State: Chicago, IL 60609
Date Received: 14 JUL 2014
Date Calibrated: 15 JUL 2014
Temperature Range: 21.00 to 21.53 °C
Pressure Range: 731.8 to 732.2 mmHg
Relative Humidity Range: 50 to 54 %
Air Density: 1.1476 to 1.1503 mg/cm³
Traceable Report #: 2171519
NIST Certificate #: 681/280058-10, 684/284451-14
Tested By: 22
Procedure: Modified Substitution (WI05-0023)
Contractor Req Recall Date: 2 Years
Primary Standard Calibration Date: 02/11/11, 11/26/13 **Due:** 02/11/15, 11/24/17
Description of Weights: 1 g to 5 kg Satin Finish Weight Kit, NIST Class F, S/N 1777
 Although there are two NIST numbers, one or both may apply.



Nominal Value	Id.	Conventional Mass Corr.		Unc. K=2 (mg)	Tol. (mg)	Balance Used	Standard Set Used		Assumed Density (g/cm ³)
		As Found (mg)	As Left (mg)				Calibrated/due	MM-DD-YY/MM-DD-YY	
1 g		0.24	0.24	0.14	0.90	638Q	D563Q	03-26-14/09-26-14	7.84
2 g		0.35	0.35	0.18	1.12	638Q	D563Q	03-26-14/09-26-14	7.84
2 g		0.12	0.12	0.18	1.12	638Q	D563Q	03-26-14/09-26-14	7.84
5 g		0.18	0.18	0.25	1.5	638Q	D563Q	03-26-14/09-26-14	7.84
10 g		0.67	0.67	0.27	2.0	638Q	D563Q	03-26-14/09-26-14	7.84
20 g		1.59	1.59	0.40	4.0	1221Q	D563Q	03-26-14/09-26-14	7.84
20 g		2.66	2.66	0.38	4.0	1221Q	D563Q	03-26-14/09-26-14	7.84
50 g		1.52	1.52	0.47	10	1221Q	D563Q	03-26-14/09-26-14	7.84
100 g		0.09	0.09	0.69	20	1221Q	D563Q	03-26-14/09-26-14	7.84
200 g		17.0	17.0	1.3	40	1221Q	D563Q	03-26-14/09-26-14	7.84
200 g		10.2	10.2	1.3	40	1221Q	D563Q	03-26-14/09-26-14	7.84
500 g	E	18.2	18.2	6.4	70	859Q	D563Q	03-26-14/09-26-14	7.84
500 g	D	17.4	17.4	6.4	70	859Q	D563Q	03-26-14/09-26-14	7.84
500 g	C	22.5	22.5	6.4	70	859Q	D563Q	03-26-14/09-26-14	7.84
500 g	B	15.7	15.7	6.4	70	859Q	D563Q	03-26-14/09-26-14	7.84
500 g	A	20.8	20.8	6.4	70	859Q	D563Q	03-26-14/09-26-14	7.84
1 kg		6.2	6.2	10.0	100	859Q	D563Q	03-26-14/09-26-14	7.84
2 kg	B	27	27	15	200	859Q	D563Q	03-26-14/09-26-14	7.84
2 kg	A	42	42	15	200	859Q	D563Q	03-26-14/09-26-14	7.84
5 kg	B	83	83	30	500	859Q	D563Q	03-26-14/09-26-14	7.84
5 kg	A	131	131	30	500	859Q	D563Q	03-26-14/09-26-14	7.84

This report contains data not covered by the NVLAP Accreditation if the box is checked.

Prepared By:

Check with your local state agency for certification of compliance on Legal for Trade items.
 Unless otherwise noted, weights tested meet the requirements of Class noted on description.



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Dated 15 JUL 2014

Dan Demers
 Dan Demers Metrologist



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PN 64784 2/14