

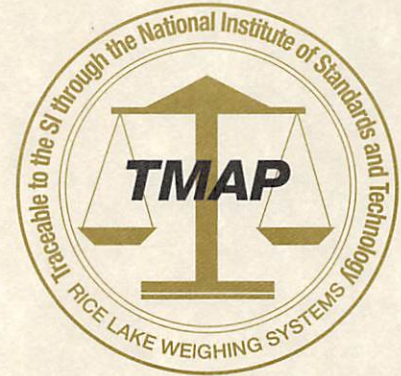
Traceable Calibration CERTIFICATE

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

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

Purchase Order #: 142197
Client: Abacus Scales
Address: 1640 W Pershing Rd

City & State: Chicago, IL 60609
Date Received: 05 JUN 2014
Date Calibrated: 10 JUN 2014
Temperature Range: 21.23 to 21.58 °C
Pressure Range: 730.7 to 731.4 mmHg
Relative Humidity Range: 51 to 53 %
Air Density: 1.1456 to 1.1479 mg/cm³
Traceable Report #: 2156463
NIST Certificate #: 681/280058-10, 684/284451-14
Tested By: 19
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: 1/32 oz to 10 lb Satin Finish Weight Kit, NIST Class "F", S/N 3XWG
 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	
1/32 oz		0.25	0.25	0.14	0.87	638Q	D564Q	04-18-14/10-17-14	7.84
1/32 oz		-0.02	-0.02	0.14	0.87	638Q	D564Q	04-18-14/10-17-14	7.84
1/16 oz		0.38	0.38	0.16	1.1	638Q	D564Q	04-18-14/10-17-14	7.84
1/8 oz		0.47	0.47	0.18	1.3	638Q	D564Q	04-18-14/10-17-14	7.84
1/4 oz		0.56	0.56	0.22	1.7	638Q	D564Q	04-18-14/10-17-14	7.84
1/2 oz		0.06	0.06	0.36	2.8	1221Q	D564Q	04-18-14/10-17-14	7.84
1 oz		1.64	1.64	0.41	5.4	1221Q	D564Q	04-18-14/10-17-14	7.84
2 oz		3.66	3.66	0.50	11	1221Q	D564Q	04-18-14/10-17-14	7.84
4 oz		8.95	8.95	0.89	23	1221Q	D564Q	04-18-14/10-17-14	7.84
8 oz		8.4	8.4	3.9	45	859Q	D564Q	04-18-14/10-17-14	7.84
1 lb		21.0	21.0	5.1	70	859Q	D564Q	04-18-14/10-17-14	7.84
2 lb		26.4	26.4	8.5	91	859Q	D564Q	04-18-14/10-17-14	7.84
2 lb		24.9	24.9	8.5	91	859Q	D564Q	04-18-14/10-17-14	7.84
5 lb		54	54	15	227	859Q	D564Q	04-18-14/10-17-14	7.84
10 lb		55	55	29	450	859Q	D564Q	04-18-14/10-17-14	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 10 JUN 2014

Dan Demers Metrologist

NVLAP
NVLAP Lab Code 105001-0

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PN 64784 2/14