

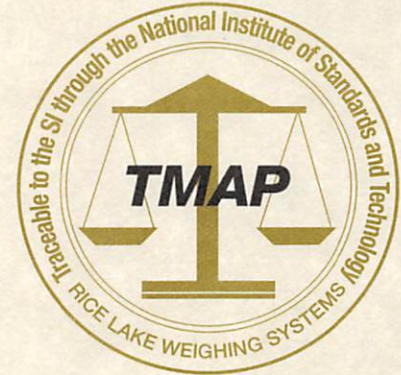
Traceable Calibration CERTIFICATE

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

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

Purchase Order #: 142220
Client: Abacus Scales
Address: 1640 W Pershing Rd

City & State: Chicago, IL 60609
Date Received: 25 JUN 2014
Date Calibrated: 30 JUN 2014
Temperature Range: 21.17 to 21.42 °C
Pressure Range: 722.7 to 723.1 mmHg
Relative Humidity Range: 51 to 54 %
Air Density: 1.1341 to 1.1351 mg/cm³
Traceable Report #: 2164743
NIST Certificate #: 681/280058-10, 684/284451-14
Tested By: 19, 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: 1/32 oz to 10 lb Satin Finish Weight Kit, NIST Class "F", S/N 0E26
 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	
10 lb		3	3	29	450	859Q	D564Q	04-18-14/10-17-14	7.84
5 lb		55	55	17	227	859Q	D564Q	04-18-14/10-17-14	7.84
2 lb		-13.4	-13.4	7.0	91	859Q	D564Q	04-18-14/10-17-14	7.84
2 lb		23.2	23.2	7.0	91	859Q	D564Q	04-18-14/10-17-14	7.84
1 lb		7.3	7.3	4.9	70	859Q	D564Q	04-18-14/10-17-14	7.85
8 oz		8.0	8.0	4.0	45	859Q	D564Q	04-18-14/10-17-14	7.84
4 oz		8.05	8.05	0.75	23	1221Q	D564Q	04-18-14/10-17-14	7.84
2 oz		4.83	4.83	0.49	11	1221Q	D564Q	04-18-14/10-17-14	7.84
1 oz		0.64	0.64	0.40	5.4	1221Q	D564Q	04-18-14/10-17-14	7.84
1/2 oz		1.69	1.69	0.37	2.8	1221Q	D564Q	04-18-14/10-17-14	7.84
1/4 oz		0.84	0.84	0.23	1.7	638Q	D564Q	04-18-14/10-17-14	7.84
1/8 oz		0.45	0.45	0.18	1.3	638Q	D564Q	04-18-14/10-17-14	7.84
1/16 oz		0.63	0.63	0.17	1.1	638Q	D564Q	04-18-14/10-17-14	7.84
1/32 oz		0.24	0.24	0.15	0.87	638Q	D564Q	04-18-14/10-17-14	7.84
1/32 oz		0.22	0.22	0.15	0.87	638Q	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 30 JUN 2014

Dan Demers Metrologist



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PN 64784 2/14