

*Trace Coker*

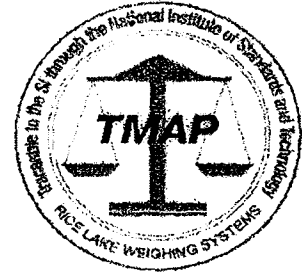
# Traceable Calibration CERTIFICATE

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

Contractor: FarmChem  
 PO Box 309  
 Floyd, IA 50435-0309

Purchase Order #: MIKE COKER  
 Client: FarmChem  
 Address: 4610 Arapaho Lookout

City & State: Billings, MT 59106  
 Date Received: 26 JUL 2013  
 Date Calibrated: 31 JUL 2013 to 01 AUG 2013  
 Temperature Range: 21.58 to 21.95 °C  
 Pressure Range: 731.3 to 731.5 mmHg  
 Relative Humidity Range: 49 to 51 %  
 Air Density: 1.1453 to 1.1469 mg/cm<sup>3</sup>  
 Traceable Report #: 2033248  
 NIST Certificate #: 661/280058-10, 822/278785-10  
 Tested By: 19, 22  
 Procedure: Modified Substitution (W605-0023)



Primary Standard Calibration Date: 02/11/11, 10/21/09 Due: 02/11/15, 10/21/13  
 Description of Weights: 1/32 oz - 5 lb SatIn Finish Weight Set, NIST Class F, S/N #15J  
 Although there are two NIST numbers, one or both may apply.

Nominal Value	Id.	Conventional Mass Corr. As Found (mg)	As Left (mg)	Unc. K=2 (mg)	Tol. (mg)	Balance Used	Standard Set Used Calibrated/Due MM-DD-YY/MM-DD-YY	Assumed Density (g/cm <sup>3</sup> )
1/32 oz		0.325	0.325	0.071	1.3	638Q	D564Q 04-25-13/10-25-13	7.84
1/32 oz		0.435	0.435	0.071	1.3	638Q	D564Q 04-25-13/10-25-13	7.84
1/16 oz		0.535	0.535	0.072	1.3	638Q	D564Q 04-25-13/10-25-13	7.84
1/8 oz		0.185	0.185	0.073	1.3	638Q	D564Q 04-25-13/10-25-13	7.84
1/4 oz		0.498	0.498	0.077	1.7	638Q	D564Q 04-25-13/10-25-13	7.84
1/2 oz		0.37	0.37	0.21	2.8	1221Q	D564Q 04-25-13/10-25-13	7.84
1 oz		1.42	1.42	0.23	5.4	1221Q	D564Q 04-25-13/10-25-13	7.84
2 oz		4.17	4.17	0.36	11	1221Q	D564Q 04-25-13/10-25-13	7.84
4 oz		7.94	7.94	0.31	23	1221Q	D564Q 04-25-13/10-25-13	7.84
8 oz		7.6	7.6	4.4	45	859Q	D564Q 04-25-13/10-25-13	7.84
1 lb	A	15.7	15.7	5.0	70	859Q	D564Q 04-25-13/10-25-13	7.84
1 lb	B	21.6	21.6	5.0	70	859Q	D564Q 04-25-13/10-25-13	7.84
1 lb	C	13.5	13.5	5.0	70	859Q	D564Q 04-25-13/10-25-13	7.84
1 lb	D	13.3	13.3	5.0	70	859Q	D564Q 04-25-13/10-25-13	7.84
1 lb	E	19.2	19.2	5.0	70	859Q	D564Q 04-25-13/10-25-13	7.84
5 lb	A	90.1	90.1	7.8	227	859Q	D564Q 04-25-13/10-25-13	7.84
5 lb	B	82.5	82.5	7.8	227	859Q	D564Q 04-25-13/10-25-13	7.84
5 lb	C	102.9	102.9	7.8	227	859Q	D564Q 04-25-13/10-25-13	7.84
5 lb	D	86.3	86.3	7.8	227	859Q	D564Q 04-25-13/10-25-13	7.84
5 lb	E	94.8	94.8	7.8	227	859Q	D564Q 04-25-13/10-25-13	7.84

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

Prepared By: **RICE LAKE WEIGHING SYSTEMS**  
 "to be used by every measurer"  
 230 West Coleman Street, Rice Lake, WI 54868 • USA  
 TEL: 715-234-9171 • FAX: 715-234-6917 • [www.ricelake.com](http://www.ricelake.com)  
 An ISO 9001 registered company

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.

Page 1 of 1 Page

Dated **01 AUG 2013**  
  
 Dan Demers Metrologist



This report is not to be used to claim product endorsement by Rice Lake Weighing Systems, NVLAP or any agency of the U.S. Government. The document shall not be reproduced, except in full, without the written approval of Rice Lake Weighing Systems' Metrology Laboratory. The stated uncertainty does not include a component of magnetic properties or handling and use. P/N 84794 Rev 13

# Traceable Calibration CERTIFICATE

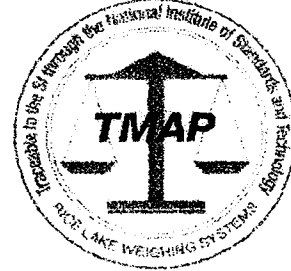
*Mike Coker*

ANSI/NCSL 7540-1-1994; Part 1 & ISO/IEC 17026 Accredited

Contractor: FarmChem  
 PO Box 309  
 Floyd, IA 50435-0309

Purchase Order #: MIKE COKER  
 Client: FarmChem  
 Address: 4610 Arapaho Lookout

City & State: Billings, MT 59106  
 Date Received: 26 JUL 2013  
 Date Calibrated: 31 JUL 2013  
 Temperature Range: 21.95 °C  
 Pressure Range: 731.3 mmHg  
 Relative Humidity Range: 50 %  
 Air Density: 1.1451 mg/cm<sup>3</sup>  
 Traceable Report #: 2033248A  
 NIST Certificate #: 6811280058-10, 822278785-10  
 Tested By: 19  
 Procedure: Modified Substitution (W105-0023)



Primary Standard Calibration Date: 02/11/11, 10/21/09 Due: 02/11/15, 10/21/13  
 Description of Weights: 2 lb Satin Finish Weight, NIST Class F, S/N 4T5K  
 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 Calibrated/due MM-DD-YY/MM-DD-YY	Assumed Density (g/cm <sup>3</sup> )
		As Found (mg)	As Left (mg)					
2 lb	4T5K	39.2	39.2	6.3	91	859Q	D564Q 04-25-13/10-25-13	7.84

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

Prepared By:

**RICE LAKE**  
 WEIGHING SYSTEMS  
 "Weigh the best by every measure"

200 West Coleman Street, Rice Lake, WI 54888 • USA  
 TEL: 715-234-6171 • FAX: 715-234-6967 • [www.ricelake.com](http://www.ricelake.com)  
 An ISO 9001 registered company

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.

Page 1 of 1 Page

Dated 01 AUG 2013

*Dan Demers*  
 Dan Demers Metrologist



This report is not to be used to claim product endorsement by Rice Lake Weighing Systems, NVLAP or any agency of the U.S. Government. The document shall not be reproduced, stored in full, without the written approval of Rice Lake Weighing Systems' Metrology Laboratory. The noted uncertainty does not include all components or magnetic properties or handling and use.