

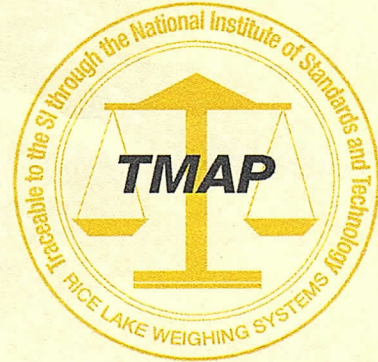
Traceable Certificate Number: 2707189B
Contractor: ADVANCED SCALE INC
 13 DELTA DR UNIT 6
 LONDONDERRY, NH 03053

Purchase Order Number: 8603
Client: ADVANCED SCALE INC
 13 DELTA DR UNIT 6
 LONDONDERRY, NH 03053

Date Received: 21 Feb 2018
Date Calibrated: 23 Feb 2018 to 26 Feb 2018
Recall Date: Feb 2019
Temperature Range: 21.14 °C to 21.27 °C
Pressure Range: 731.64 mmHg to 734.11 mmHg
Relative Humidity Range: 48 % to 54 %
Air Density Range: 1.1488 mg/cm³ to 1.1530 mg/cm³
NIST Certificate Number: 684/286541-15 & 684/285268-14

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

Calibrated By: 17, 24
Procedure: Inter-comparison Method (WI05-0095)
Condition of Weights: Acceptable for Calibration
Description of Weights: 200 g to 2 kg Polished Weights, ASTM Class 1, S/N 07734



Nominal Value	ID or S/N	As Found			As Left			Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Assumed	
		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass					Set Used	Density (g/cm ³)
200 g	07734.	200.000213	0.213	Y	200.000213	0.213	Y	0.032	2	0.50	699Q	L595Q	7.95
300 g	07734.	300.000417	0.417	Y	300.000417	0.417	Y	0.043	2	0.75	699Q	L595Q	7.95
500 g	07734.	500.000663	0.663	Y	500.000663	0.663	Y	0.060	2	1.2	699Q	L595Q	7.95
1 kg	07734.	1.00000671	0.671	Y	1.00000671	0.671	Y	0.094	2	2.5	699Q	L595Q	7.95
2 kg	07734	2.00000212	2.12	Y	2.00000212	2.12	Y	0.34	2	5.0	124Q	L595Q	7.95
2 kg	07734.	2.00000179	1.79	Y	2.00000179	1.79	Y	0.34	2	5.0	124Q	L595Q	7.95

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 Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook

Prepared By: 105-1 (1990), ASTM E617-13 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Rice Lake Weighing Systems

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 TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com
 Definitions: <http://certs.ricelake.com/certs/DefinitionsV2.docx>

Dated 26 Feb 2018

Dan Demers, Metrologist