

Traceable Certificate Number: 2569001 **Amended** Supplement to orig. report
Contractor: ADVANCED SCALE INC
 13 DELTA DR UNIT 6
 LONDONDERRY, NH 03053-2372

Purchase Order Number: 8307
Client: ADVANCED SCALE INC
 13 DELTA DR UNIT 6
 LONDONDERRY, NH 03053-2372

Date Received: 24 Mar 2017
Date Calibrated: 28 Mar 2017 to 29 Mar 2017
Recall Date: 31 Mar 2018
Temperature Range: 21.05 °C to 21.17 °C
Pressure Range: 735.07 mmHg to 737.51 mmHg
Relative Humidity Range: 49.92 % to 56.15 %
Air Density Range: 1.1541 mg/cm³ to 1.1589 mg/cm³
NIST Certificate Number: 684/286541-15 & 684/285268-14

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

Calibrated By: 19
Procedure: Inter-comparison Method (WI05-0095)
Condition of Weights: Acceptable for Calibration
Description of Weights: 200 g - 2 kg Polished Weights, ASTM Class 1, S/N 07734



Nominal Value	ID	As Found			As Left			Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm ³)
		Conv. Mass	Conv. Mass Corr (mg)	MPE Pass	Conv. Mass	Conv. Mass Corr (mg)	MPE Pass						
200 g		200.000265	0.265	Y	200.000265	0.265	Y	0.049	2	0.50	699Q	L595Q	7.95
300 g		300.000415	0.415	Y	300.000415	0.415	Y	0.055	2	0.75	699Q	L595Q	7.95
500 g		500.000814	0.814	Y	500.000814	0.814	Y	0.069	2	1.2	699Q	L595Q	7.95
1 kg		1.00000771	0.771	Y	1.00000368	0.368	Y	0.091	2	2.5	699Q	L595Q	7.95
2 kg		2.00000220	2.20	Y	2.00000220	2.20	Y	0.59	2	5.0	124Q	L595Q	7.95
2 kg		2.00000190	1.90	Y	2.00000190	1.90	Y	0.59	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 specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (1990), ASTM E617-13 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Prepared By:
Rice Lake Weighing Systems

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 Definitions: <http://certs.ricelake.com/certs/DefinitionsV1.docx>

Dated 30 Mar 2017

Dan Demers, Metrologist