



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Rice Lake Weighing Systems

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CALIBRATION LABORATORIES

NVLAP LAB CODE 105001-0

NVLAP Code: 20/A01

ANSI/NCSL Z540-1-1994; Part 1

Compliant

MECHANICAL

NVLAP Code: 20/M08

Mass - Metric

Range	Best Uncertainty (\pm) ^{note 1}	Remarks
30 kg	13 mg	Echelon I
20 kg	6.7 mg	Echelon I
10 kg	0.73 mg	Echelon I
5 kg	0.36 mg	Echelon I
3 kg	0.22 mg	Echelon I
2 kg	0.13 mg	Echelon I
1 kg	0.048 mg	Echelon I
500 g	0.031 mg	Echelon I
300 g	0.026 mg	Echelon I
200 g	0.023 mg	Echelon I
100 g	0.027 mg	Echelon I
50 g	0.014 mg	Echelon I
30 g	0.0091 mg	Echelon I
20 g	0.0068 mg	Echelon I
10 g	0.0060 mg	Echelon I
5 g	0.0032 mg	Echelon I

2008-04-01 through 2009-03-31

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology



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3 g	0.0020 mg	Echelon I
2 g	0.0015 mg	Echelon I
1 g	0.0013 mg	Echelon I
500 mg	0.00081 mg	Echelon I
300 mg	0.00064 mg	Echelon I
200 mg	0.00056 mg	Echelon I
100 mg	0.00063 mg	Echelon I
50 mg	0.00052 mg	Echelon I
30 mg	0.00044 mg	Echelon I
20 mg	0.00042 mg	Echelon I
10 mg	0.00052 mg	Echelon I
5 mg	0.00038 mg	Echelon I
3 mg	0.00034 mg	Echelon I
2 mg	0.00033 mg	Echelon I
1 mg	0.00038 mg	Echelon I
50 kg	54 mg	Echelon II
30 kg	13 mg	Echelon II
20 kg	6.7 mg	Echelon II
10 kg	0.73 mg	Echelon II
5 kg	0.36 mg	Echelon II
3 kg	0.22 mg	Echelon II
2 kg	0.13 mg	Echelon II
1 kg	0.048 mg	Echelon II
500 g	0.031 mg	Echelon II
300 g	0.026 mg	Echelon II
200 g	0.023 mg	Echelon II
100 g	0.027 mg	Echelon II
50 g	0.014 mg	Echelon II
30 g	0.0091 mg	Echelon II
20 g	0.0068 mg	Echelon II
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1 g	0.0013 mg	Echelon II
500 mg	0.00081 mg	Echelon II
300 mg	0.00064 mg	Echelon II
200 mg	0.00056 mg	Echelon II
100 mg	0.00063 mg	Echelon II
50 mg	0.00052 mg	Echelon II
30 mg	0.00044 mg	Echelon II
20 mg	0.00042 mg	Echelon II
10 mg	0.00052 mg	Echelon II
5 mg	0.00038 mg	Echelon II
3 mg	0.00034 mg	Echelon II
2 mg	0.00033 mg	Echelon II
1 mg	0.00038 mg	Echelon II
1000 kg	15 g	Echelon III
500 kg	7.4 g	Echelon III
250 kg	2.1 g	Echelon III
200 kg	1.9 g	Echelon III
100 kg	1.7 g	Echelon III
50 kg	92 mg	Echelon III
30 kg	25 mg	Echelon III
20 kg	15 mg	Echelon III
10 kg	1.8 mg	Echelon III
5 kg	0.99 mg	Echelon III
3 kg	0.84 mg	Echelon III
2 kg	0.70 mg	Echelon III
1 kg	0.16 mg	Echelon III
500 g	0.081 mg	Echelon III
300 g	0.070 mg	Echelon III
200 g	0.071 mg	Echelon III
100 g	0.057 mg	Echelon III
50 g	0.025 mg	Echelon III
30 g	0.019 mg	Echelon III
20 g	0.013 mg	Echelon III
10 g	0.012 mg	Echelon III

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5 g	0.0054 mg	Echelon III
3 g	0.0035 mg	Echelon III
2 g	0.0025 mg	Echelon III
1 g	0.0020 mg	Echelon III
500 mg	0.0012 mg	Echelon III
300 mg	0.0013 mg	Echelon III
200 mg	0.00091 mg	Echelon III
100 mg	0.0011 mg	Echelon III
50 mg	0.00091 mg	Echelon III
30 mg	0.00083 mg	Echelon III
20 mg	0.00065 mg	Echelon III
10 mg	0.00073 mg	Echelon III
5 mg	0.00061 mg	Echelon III
3 mg	0.00075 mg	Echelon III
2 mg	0.00061 mg	Echelon III
1 mg	0.00088 mg	Echelon III

Mass Avoirdupois

3000 lb	19 g	Echelon III
2500 lb	16 g	Echelon III
2000 lb	15 g	Echelon III
1000 lb	6.3 g	Echelon III
500 lb	2.5 g	Echelon III
250 lb	1.9 g	Echelon III
200 lb	1.2 g	Echelon III
100 lb	87 mg	Echelon III
50 lb	14 mg	Echelon III
30 lb	11 mg	Echelon III
25 lb	9.3 mg	Echelon III
20 lb	2.4 mg	Echelon III
10 lb	1.4 mg	Echelon III
5 lb	0.84 mg	Echelon III
4 lb	0.92 mg	Echelon III
3 lb	0.90 mg	Echelon III

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2 lb	0.13 mg	Echelon III
1 lb	0.096 mg	Echelon III
0.5 lb	0.049 mg	Echelon III
0.3 lb	0.038 mg	Echelon III
0.2 lb	0.049 mg	Echelon III
0.1 lb	0.028 mg	Echelon III
0.05 lb	0.010 mg	Echelon III
0.03 lb	0.0083 mg	Echelon III
0.02 lb	0.0093 mg	Echelon III
0.01 lb	0.0040 mg	Echelon III
0.005 lb	0.0019 mg	Echelon III
0.003 lb	0.0011 mg	Echelon III
0.002 lb	0.0016 mg	Echelon III
0.001 lb	0.0013 mg	Echelon III
4 oz	0.042mg	Echelon III
2 oz	0.020 mg	Echelon III
1 oz	0.021 mg	Echelon III
0.5 oz	0.015 mg	Echelon III
0.25 oz	0.010 mg	Echelon III
0.125 oz	0.0075 mg	Echelon III
0.0625 oz	0.0080 mg	Echelon III
0.03125 oz	0.0067 mg	Echelon III

1. Represents an expanded uncertainty using a coverage factor, $k = 2$, at an approximate level of confidence of 95 %.

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