



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

State of Nevada Metrology Laboratory

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http://agri.nv.gov/Measurement_MetrologyLab.htm

CALIBRATION LABORATORIES

NVLAP LAB CODE 200934-0

MECHANICAL

NVLAP Code: 20/M08

Mass - Metric

<i>Range</i>	<i>Best Uncertainty (±) ^{note 1}</i>	<i>Remarks</i>
30 kg	13 mg	Echelon II
20 kg	8.9 mg	Echelon II
10 kg	4.9 mg	Echelon II
5 kg	2.3 mg	Echelon II
3 kg	0.65 mg	Echelon II
2 kg	0.38 mg	Echelon II
1 kg	0.16 mg	Echelon II
500 g	0.10 mg	Echelon II
300 g	0.066 mg	Echelon II
200 g	0.053 mg	Echelon II
100 g	0.026 mg	Echelon II
50 g	0.018 mg	Echelon II
30 g	0.013 mg	Echelon II
20 g	0.0092 mg	Echelon II
10 g	0.0056 mg	Echelon II
5 g	0.0050 mg	Echelon II
3 g	0.0035 mg	Echelon II

2011-03-03 through 2012-03-31

Sally S. Bruce

Effective dates

For the National Institute of Standards and Technology



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<i>Range</i>	<i>Best Uncertainty (±) ^{note 1}</i>	<i>Remarks</i>
2 g	0.0033 mg	Echelon II
1 g	0.0028 mg	Echelon II
500 mg	0.0040 mg	Echelon II
300 mg	0.0025 mg	Echelon II
200 mg	0.0027 mg	Echelon II
100 mg	0.0033 mg	Echelon II
50 mg	0.0026 mg	Echelon II
30 mg	0.0025 mg	Echelon II
20 mg	0.0024 mg	Echelon II
10 mg	0.0024 mg	Echelon II
5 mg	0.0025 mg	Echelon II
3 mg	0.0024 mg	Echelon II
2 mg	0.0024 mg	Echelon II
1 mg	0.0024 mg	Echelon II

Mass – Avoirdupois

50 lb	18 mg	Echelon II
30 lb	9.4 mg	Echelon II
25 lb	7.2 mg	Echelon II
20 lb	6.4 mg	Echelon II
10 lb	2.9 mg	Echelon II
5 lb	0.45 mg	Echelon II
3 lb	0.32 mg	Echelon II
2 lb	0.17 mg	Echelon II
1 lb	0.20 mg	Echelon II
0.5 lb	0.08 mg	Echelon II
0.3 lb	0.05 mg	Echelon II
0.2 lb	0.028 mg	Echelon II
0.1 lb	0.024 mg	Echelon II
0.05 lb	0.013 mg	Echelon II
0.03 lb	0.012 mg	Echelon II
0.02 lb	0.0069 mg	Echelon II
0.01 lb	0.0076 mg	Echelon II

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0.005 lb	0.0068 mg	Echelon II
0.003 lb	0.0044 mg	Echelon II
0.002 lb	0.0048 mg	Echelon II
0.001 lb	0.005 mg	Echelon II

Mass – Metric

30 kg	46 mg	Echelon III
20 kg	44 mg	Echelon III
10 kg	34 mg	Echelon III
5 kg	7.8 mg	Echelon III
3 kg	3.3 mg	Echelon III
2 kg	1.9 mg	Echelon III
1 kg	1.0 mg	Echelon III
500 g	0.51 mg	Echelon III
300 g	0.31 mg	Echelon III
200 g	0.39 mg	Echelon III
100 g	0.17 mg	Echelon III
50 g	0.30 mg	Echelon III
30 g	0.10 mg	Echelon III
20 g	0.19 mg	Echelon III
10 g	0.020 mg	Echelon III
5 g	0.010 mg	Echelon III
3 g	0.0074 mg	Echelon III
2 g	0.0050 mg	Echelon III
1 g	0.0053 mg	Echelon III
500 mg	0.0022 mg	Echelon III
300 mg	0.0017 mg	Echelon III
200 mg	0.0013 mg	Echelon III
100 mg	0.0029 mg	Echelon III
50 mg	0.00087 mg	Echelon III
30 mg	0.00087 mg	Echelon III
20 mg	0.00087 mg	Echelon III

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10 mg	0.00072 mg	Echelon III
5 mg	0.0011 mg	Echelon III
3 mg	0.0011 mg	Echelon III
2 mg	0.0011 mg	Echelon III
1 mg	0.0011 mg	Echelon III

Mass – Avoirdupois

1000 lb	6.9 g	Echelon III
500 lb	3.0 g	Echelon III
50 lb	41 mg	Echelon III
25 lb	24 mg	Echelon III
30 lb	20 mg	Echelon III
10 lb	9.5 mg	Echelon III
5 lb	2.2 mg	Echelon III
3 lb	1.3 mg	Echelon III
2 lb	0.89 mg	Echelon III
1 lb	0.52 mg	Echelon III
0.5 lb	0.29 mg	Echelon III
0.3 lb	0.24 mg	Echelon III
0.2 lb	0.21 mg	Echelon III
0.1 lb	0.15 mg	Echelon III
0.05 lb	0.10 mg	Echelon III
0.03 lb	0.048 mg	Echelon III
0.02 lb	0.020 mg	Echelon III
0.01 lb	0.013 mg	Echelon III
0.005 lb	0.011 mg	Echelon III
0.003 lb	0.0056 mg	Echelon III
0.002 lb	0.0042 mg	Echelon III
0.001 lb	0.0042 mg	Echelon III
4 oz	0.20 mg	Echelon III
2 oz	0.11 mg	Echelon III

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<i>Range</i>	<i>Best Uncertainty (±) ^{note 1}</i>	<i>Remarks</i>
1 oz	0.10 mg	Echelon III
1/2 oz	0.10 mg	Echelon III
1/4 oz	0.17 mg	Echelon III
1/8 oz	0.012 mg	Echelon III
1/16 oz	0.0091 mg	Echelon III
1/32 oz	0.0044 mg	Echelon III
<i>NVLAP Code: 20/M12</i>		
Volume		
600 gal	31 in ³	Volume Transfer
100 gal	5.2 in ³	Volume Transfer
50 gal	2.0 in ³	Volume Transfer
30 gal	1.2 in ³	Volume Transfer
25 gal	1.1 in ³	Volume Transfer
20 gal	0.80 in ³	Volume Transfer
5 gal	0.24 in ³	Volume Transfer
100 gal	5.5 in ³	LPG
20 gal	0.80 in ³	LPG
5 gal	2.24 mL	Gravimetric
1 gal	0.40 mL	Gravimetric
1/2 gal	0.47 mL	Gravimetric
1 Qt	0.037 mL	Gravimetric
1 Pt	0.13 mL	Gravimetric
1/2 Pt	0.059 mL	Gravimetric
1 gill	0.065 mL	Gravimetric
2 fl oz	0.058 mL	Gravimetric

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

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