



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Florida Department of Agriculture Metrology Laboratory**

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**CALIBRATION LABORATORIES**

**NVLAP LAB CODE 200560-0**

*NVLAP Code:* 20/A01

ANSI/NCSL Z540-1-1994; Part 1

Compliant

**MECHANICAL**

*NVLAP Code:* 20/M08

Mass Echelon II

<i>Range</i>	<i>Best Uncertainty (±) in mg<sup>note 1</sup></i>	<i>Remarks</i>
25 kg	25	Echelon II
20 kg	26	Echelon II
10 kg	5.0	Echelon II
5 kg	2.7	Echelon II
3 kg	2.5	Echelon II
2 kg	1.5	Echelon II
1 kg	0.20	Echelon II
500 g	0.15	Echelon II
300 g	0.14	Echelon II
200 g	0.12	Echelon II
100 g	0.070	Echelon II
50 g	0.048	Echelon II
30 g	0.043	Echelon II
20 g	0.037	Echelon II
10 g	0.034	Echelon II

2008-07-01 through 2009-06-30

*Effective dates*

*Sally S. Bruce*

*For the National Institute of Standards and Technology*



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5 g	0.030	Echelon II
3 g	0.0068	Echelon II
2 g	0.0054	Echelon II
1 g	0.0045	Echelon II
500 mg	0.0033	Echelon II
300 mg	0.0025	Echelon II
200 mg	0.0024	Echelon II
100 mg	0.0022	Echelon II
50 mg	0.0021	Echelon II
30 mg	0.0020	Echelon II
20 mg	0.0022	Echelon II
10 mg	0.0021	Echelon II
5 mg	0.0018	Echelon II
3 mg	0.0020	Echelon II
2 mg	0.0020	Echelon II
1 mg	0.0019	Echelon II
1000 lb	1400	Echelon II
500 lb	770	Echelon II
50 lb	29	Echelon II
30 lb	26	Echelon II
20 lb	4.9	Echelon II
10 lb	2.5	Echelon II
5 lb	1.3	Echelon II
2 lb	0.35	Echelon II
1 lb	0.10	Echelon II
0.5 lb	0.090	Echelon II
0.3 lb	0.15	Echelon II
0.2 lb	0.052	Echelon II
0.1 lb	0.040	Echelon II
0.05 lb	0.028	Echelon II
0.03 lb	0.025	Echelon II
0.02 lb	0.025	Echelon II
0.01 lb	0.023	Echelon II

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0.005 lb	0.0056	Echelon II
0.002 lb	0.040	Echelon II
0.001 lb	0.0028	Echelon II
4 oz	0.08	Echelon II
2 oz	0.023	Echelon II
1 oz	0.022	Echelon II
1/2 oz	0.023	Echelon II
1/4 oz	0.021	Echelon II
1/8 oz	0.020	Echelon II
1/16 oz	0.0025	Echelon II
1/32 oz	0.0020	Echelon II
25 kg	48	Echelon III
20 kg	50	Echelon III
10 kg	4.9	Echelon III
5 kg	3.8	Echelon III
2 kg	2.7	Echelon III
1 kg	0.41	Echelon III
500 g	0.40	Echelon III
200 g	0.40	Echelon III
100 g	0.23	Echelon III
50 g	0.22	Echelon III
30 g	0.23	Echelon III
20 g	0.23	Echelon III
10 g	0.23	Echelon III
5 g	0.032	Echelon III
3 g	0.031	Echelon III
2 g	0.031	Echelon III
1 g	0.031	Echelon III
500 mg	0.0025	Echelon III
300 mg	0.0035	Echelon III
200 mg	0.0021	Echelon III
100 mg	0.0020	Echelon III

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## CALIBRATION LABORATORIES

NVLAP LAB CODE 200560-0

50 mg	0.0018	Echelon III
30 mg	0.0033	Echelon III
20 mg	0.0020	Echelon III
10 mg	0.0019	Echelon III
5 mg	0.0017	Echelon III
3 mg	0.0030	Echelon III
2 mg	0.0018	Echelon III
1 mg	0.0018	Echelon III
4200 lb	60 000	Echelon III
2500 lb	59 000	Echelon III
1000 lb	2600	Echelon III
500 lb	1700	Echelon III
50 lb	48	Echelon III
25 lb	42	Echelon III
20 lb	42	Echelon III
10 lb	3.5	Echelon III
5 lb	2.5	Echelon III
2 lb	0.49	Echelon III
1 lb	0.40	Echelon III
0.5 lb	0.39	Echelon III
0.3 lb	0.41	Echelon III
0.2 lb	0.23	Echelon III
0.1 lb	0.23	Echelon III
0.05 lb	0.23	Echelon III
0.03 lb	0.23	Echelon III
0.02 lb	0.23	Echelon III
0.01 lb	0.042	Echelon III
0.005 lb	0.032	Echelon III
0.002 lb	0.031	Echelon III
0.001 lb	0.031	Echelon III
4 oz	0.39	Echelon III
2 oz	0.23	Echelon III

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## CALIBRATION LABORATORIES

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1 oz	0.23	Echelon III
1/2 oz	0.038	Echelon III
1/4 oz	0.031	Echelon III
1/8 oz	0.037	Echelon III
1/16 oz	0.031	Echelon III
1/32 oz	0.031	Echelon III

**NVLAP Code:** 20/M12  
Volume

<b>Range in gal</b>	<b>Best Uncertainty (<math>\pm</math>) in gal<sup>note 1</sup></b>	<b>Remarks</b>
5	0.0006	Gravimetric Method
1	0.00014	Gravimetric Method

<b>Range in gal</b>	<b>Best Uncertainty (<math>\pm</math>) in in<sup>3</sup> note 1</b>	<b>Remarks</b>
1500	40	Transfer Method
1000	24	Transfer Method
750	22	Transfer Method
200	4.7	Transfer Method
100	2.3	Transfer Method
50	2.1	Transfer Method
10	0.50	Transfer Method
5	0.45	Transfer Method
1	0.40	Transfer Method
100 LPG	5.0	Transfer Method
25 LPG	1.6	Transfer Method

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

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