

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 1 of 8

CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

4425 West Olive Avenue, Suite 134
Glendale, AZ 85302-3844
Mrs. Kelleen K. Larson
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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	44 mg	Echelon II
20 kg	44 mg	Echelon II
10 kg	43.7 mg	Echelon II
5 kg	1.11 mg	Echelon II
3 kg	0.85 mg	Echelon II
2 kg	0.74 mg	Echelon II
1 kg	0.050 mg	Echelon II
500 g	0.029 mg	Echelon II

September 30, 2005

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ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 2 of 8

CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

300 g	0.020 mg	Echelon II
200 g	0.017 mg	Echelon II
100 g	0.027 mg	Echelon II
50 g	0.014 mg	Echelon II
30 g	0.009 mg	Echelon II
20 g	0.007 mg	Echelon II
10 g	0.010 mg	Echelon II
5 g	0.0057 mg	Echelon II
3 g	0.0042 mg	Echelon II
2 g	0.0037 mg	Echelon II
1 g	0.0042 mg	Echelon II
500 mg	0.0033 mg	Echelon II
300 mg	0.0031 mg	Echelon II
200 mg	0.0030 mg	Echelon II
100 mg	0.0025 mg	Echelon II
50 mg	0.0025 mg	Echelon II
30 mg	0.0024 mg	Echelon II

September 30, 2005

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National Institute
of Standards and Technology



National Voluntary
Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 3 of 8

CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

20 mg	0.0024 mg	Echelon II
10 mg	0.0025 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	0.0025 mg	Echelon II
500 kg	5.7 g	Echelon III
250 kg	5.2 g	Echelon III
50 kg	126.2 mg	Echelon III
25 kg	90.0 mg	Echelon III
20 kg	89.9 mg	Echelon III
10 kg	88.9 mg	Echelon III
5 kg	2.30 mg	Echelon III
3 kg	1.81 mg	Echelon III
2 kg	1.60 mg	Echelon III
1 kg	0.60 mg	Echelon III
500 g	0.594 mg	Echelon III

September 30, 2005

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A handwritten signature in black ink, appearing to read 'W. R. M. M.' with a stylized flourish at the end.

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ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 4 of 8

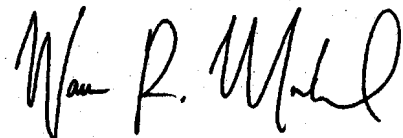
CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

300 g	0.592 mg	Echelon III
200 g	0.063 mg	Echelon III
100 g	0.075 mg	Echelon III
50 g	0.060 mg	Echelon III
30 g	0.056 mg	Echelon III
20 g	0.055 mg	Echelon III
10 g	0.056 mg	Echelon III
5 g	0.011 mg	Echelon III
3 g	0.008 mg	Echelon III
2 g	0.007 mg	Echelon III
1 g	0.008 mg	Echelon III
500 mg	0.007 mg	Echelon III
300 mg	0.006 mg	Echelon III
200 mg	0.006 mg	Echelon III
100 mg	0.005 mg	Echelon III
50 mg	0.005 mg	Echelon III
30 mg	0.005 mg	Echelon III

September 30, 2005



Effective through

For the National Institute of Standards and Technology

Scope of Accreditation



CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

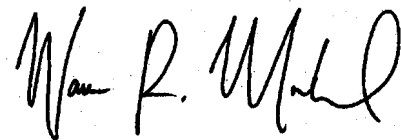
ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

20 mg	0.005 mg	Echelon III
10 mg	0.005 mg	Echelon III
5 mg	0.005 mg	Echelon III
3 mg	0.005 mg	Echelon III
2 mg	0.005 mg	Echelon III
1 mg	0.005 mg	Echelon III

Mass - Avoirdupois

<i>Range</i>	<i>Best Uncertainty (\pm)^{note 1}</i>	<i>Remarks</i>
5000 lb	9 g	Echelon III
2500 lb	6 g	Echelon III
2000 lb	5.3 g	Echelon III
1000 lb	3.6 g	Echelon III
500 lb	2.8 g	Echelon III
50 lb	90 mg	Echelon III
25 lb	89 mg	Echelon III
20 lb	88.9 mg	Echelon III
10 lb	2.3 mg	Echelon III

September 30, 2005



Effective through

For the National Institute of Standards and Technology

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 6 of 8

CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

5 lb	1.60 mg	Echelon III
4 lb	0.60 mg	Echelon III
3 lb	0.60 mg	Echelon III
2 lb	0.599 mg	Echelon III
1 lb	0.594 mg	Echelon III
0.5 lb	0.592 mg	Echelon III
0.3 lb	0.078 mg	Echelon III
0.2 lb	0.063 mg	Echelon III
0.1 lb	0.060 mg	Echelon III
0.05 lb	0.055 mg	Echelon III
0.03 lb	0.057 mg	Echelon III
0.02 lb	0.055 mg	Echelon III
0.01 lb	0.054 mg	Echelon III
0.005 lb	0.054 mg	Echelon III
0.003 lb	0.053 mg	Echelon III
0.002 lb	0.053 mg	Echelon III
0.001 lb	0.054 mg	Echelon III

September 30, 2005

Effective through

For the National Institute of Standards and Technology

National Institute
of Standards and Technology



National Voluntary
Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 7 of 8

CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

4 oz	0.078 mg	Echelon III
2 oz	0.062 mg	Echelon III
1 oz	0.057 mg	Echelon III
0.5 oz	0.058 mg	Echelon III
0.25 oz	0.055 mg	Echelon III
0.125 oz	0.054 mg	Echelon III
0.0625 oz	0.054 mg	Echelon III
0.03125 oz	0.054 mg	Echelon III

September 30, 2005

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A handwritten signature in black ink, appearing to read 'William R. Mohr'. The signature is written in a cursive style.

For the National Institute of Standards and Technology

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Page 8 of 8

CALIBRATION LABORATORIES

NVLAP LAB CODE 200381-0

ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES METROLOGY LABORATORY

NVLAP Code: 20/M12

Volume

<i>Range</i>	<i>Best Uncertainty (\pm)^{note 1}</i>	<i>Remarks</i>
1 gal	0.416 in ³	Small Volume Volumetric
5 gal	0.554 in ³	Small Volume Volumetric
20 gal	1.11 in ³	Large Volume Volumetric
25 gal	1.24 in ³	Large Volume Volumetric
50 gal	1.76 in ³	Large Volume Volumetric
100 gal	4.72 in ³	Large Volume Volumetric
200 gal	6.68 in ³	Large Volume Volumetric
500 gal	10.57 in ³	Large Volume Volumetric
1000 gal	14.93 in ³	Large Volume Volumetric
1500 gal	18.30 in ³	Large Volume Volumetric
20 gal	1.11 in ³	LPG Volumetric
100 gal	4.72 in ³	LPG Volumetric

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

September 30, 2005

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