

National Institute
of Standards and Technology



National Voluntary
Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



Revised 5/10/2004

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CALIBRATION LABORATORIES

NVLAP LAB CODE 200637-0

RAININ INSTRUMENT LLC WOBURN, MA PIPETTE SERVICE

Rainin Road
Woburn, MA 01888
Mr. Ken Burke
Phone: 510-564-1640 Fax: 510-564-1757
E-Mail: ken.burke@rainin.com
URL: <http://rainin.com>

NVLAP Code: 20/A01

ANSI/NCSL Z540-1-1994; Part 1

Compliant

MECHANICAL

NVLAP Code: 20/M12

Volume Pipettes

Gravimetric Method

Pipette Nominal Volume in μL	% of Nominal Volume	Best Uncertainty (\pm) in $\mu\text{L}^{\text{note } 1}$
2	10	0.009
2	50	0.010
2	100	0.010
10	10	0.009
10	50	0.010
10	100	0.012
20	10	0.012

March 31, 2005

A handwritten signature in black ink, appearing to read "William R. Mabill".

Effective through

For the National Institute of Standards and Technology

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20	50	0.014
20	100	0.019
100	10	0.12
100	50	0.13
100	100	0.14
200	10	0.10
200	50	0.13
200	100	0.18
1000	10	0.29
1000	50	0.48
1000	100	0.78
2000	10	0.47
2000	50	0.95
2000	100	1.74
5000	10	0.88
5000	50	2.04
5000	100	3.96

March 31, 2005

A handwritten signature in black ink, appearing to read "W. R. Muller".

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10000	10	1.49
10000	50	4.37
10000	100	7.87
20000	10	3.94
20000	50	8.85
20000	100	16.64

1. Represents an expanded uncertainty using a coverage factor, k=2.

March 31, 2005

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A handwritten signature in black ink, appearing to read "William R. Moulton".

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