



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Rainin Instrument LLC Tokyo, Japan Pipette Service

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CALIBRATION LABORATORIES

NVLAP LAB CODE 200842-0

Scope Revised: 2009-09-23

NVLAP Code: 20/A01

ANSI/NCSL Z540-1-1994; Part 1

Compliant

MECHANICAL

NVLAP Code: 20/M12

Volume Pipettes

Gravimetric Method

<i>Pipette Nominal Volume in μL</i>	<i>% of Nominal Value</i>	<i>Best Uncertainty (\pm) in μL ^{note 1}</i>
2	10	0.014
2	50	0.014
2	100	0.016
10	10	0.013
10	50	0.016
10	100	0.022
20	10	0.038
20	50	0.044
20	100	0.044
100	10	0.181
100	50	0.214
100	100	0.265
200	10	0.170

2008-11-25 through 2009-12-31

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology



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200	50	0.248
200	100	0.380
1000	10	0.945
1000	50	1.64
1000	100	2.19
2000	10	1.44
2000	50	2.81
2000	100	3.50
5000	10	3.19
5000	50	6.52
5000	100	7.11
10 000	10	5.94
10 000	50	10.7
10 000	100	13.2
20 000	10	12.3
20 000	50	17.5
20 000	100	22.4

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

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