



**National Voluntary  
Laboratory Accreditation Program**



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

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**CALIBRATION LABORATORIES**

**NVLAP LAB CODE 200857-0**

*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 <math>\mu</math>L</i>	<i>% of Nominal Value</i>	<i>Best Uncertainty (<math>\pm</math>) in <math>\mu</math>L <sup>note 1</sup></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	0.18
100	50	0.21
100	100	0.26
200	10	0.17

2011-04-01 through 2012-03-31

*Sally S. Bruce*

*Effective dates*

*For the National Institute of Standards and Technology*



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200	50	0.25
200	100	0.38
1000	10	0.94
1000	50	1.6
1000	100	2.2
2000	10	1.4
2000	50	2.8
2000	100	3.5
5000	10	3.2
5000	50	6.5
5000	100	7.1
10 000	10	5.9
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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