Report of Calibration

Bio-Tek Services, Inc. 5310 South Laburnum Avenue, Richmond, VA. 23231 (1-800-792-3625)
ISO/IEC 17025:2005 Accredited

Calibration Type: **As Calibrated**

Vermont Forensic Laboratory - Department of Public Safety

Contact Name: Rebecca L. Mead
Location/Dep't:
Phone: (802) 244-8788

103 South Main Street
Waterbury, VT 05671

Device ID: **JJ03213** *Serial#:* **JJ03213** **Cal Date:** **21 Jan 2014** **Next Due Date:** **Jul 2014**

Manufacturer: Finnpipette, fixed, 250, 1-ch
Method: Level I
Operator: Al Gunduz

Size: 250 ul **Tip used:** Generic Pipette Tip
Test Plan: ISO 17025, fixed, 250, 1-ch
Balance ID: AD4212B-101 S/N # T0100294
Weight SN# BTS-WT-039 S/N 1012016

Certificate#: 25934-006
Comment:

Status: ***Passed***

Environmental Factors

Temperature: 19.90 ° C Z Factor: 1.00283 Bar Pressure752.60 mmHg Density: 0.9982 Humidity: 11.70 % Air Density: 0.00119

SUMMARY STATISTICS

Target Volume(uL)	Channel	Mean Volume	SD	Accuracy % Actual	Accuracy % Target	Precision % Actual	Precision % Target	Status
250.00	1	252.7130	0.1830	1.09	2.00	0.07	2.00	Passed

Uncertainty = 0.367

Sample	Sample Wt. (mg)	Actual Volume (uL)
1	251.9000	252.6120
2	252.1000	252.8130
3	251.8000	252.5120
4	252.2000	252.9130

Signature: Alper Hundy

BTS-SOP-002 Template Rev 20 April 2012

The calibration results reported in this certificate were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). This calibration meets the specifications outline in ISO/IEC 17025:2005. The uncertainty results reported on the supplement represents the Calibration and Measurement Capabilities (CMC) of the laboratory. Actual uncertainties are available from the organization upon request and were accounted for in making Pass/Fail determinations.

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Calibration Type: **As Found**

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Phone: (802) 244-8788

103 South Main Street
Waterbury, 05671
VT

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SUMMARY STATISTICS

Target Volume(uL)	Channel	Mean Volume	SD	Accuracy % Actual	Accuracy % Target	Precision % Actual	Precision % Target	Status
250.00	1	254.2170	1.1260	1.69	2.00	0.44	2.00	Passed

Uncertainty = 2.252

Sample	Sample Wt. (mg)	Actual Volume (uL)
1	252.4000	253.1140
2	252.7000	253.4150
3	254.2000	254.9190
4	254.7000	255.4200

Signature: Alper Kundy

BTS-SOP-002 Template Rev 20 April 2012

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