



Report of Calibration

Vermont Forensics Laboratory

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

Calibration Type: **As Calibrated**

Contact Name: Rebecca Mead 103 South Main St.

Location/Dept: Waterbury, VT 05671
Phone: 802-241-5279

Device ID: **HH94382**

Cal Date: **6 - July -15**

Next Due Date: **January - 16**

Manufacturer: Thermo Scientific Fimppipette

Size: 500 ul

Tip used: General Tip

Method: **500ul Fixed**

Test Plan: ISO 17025, 500ul, Fixed

Status: **Passed**

Operator: Stephen Halliday

Balance ID: **BTS-BAL-012**

Weight SN#: **BTS-WTSET-018**

Certificate#: 28892-01

Comment:

Environmental Factors

Temperature: 23.60 ° C Z Factor: 1.03894 Bar Pressure: 997.00 inHg Density: 0.9974 Humidity: 59.20 % Air Density: 0.03965

SUMMARY STATISTICS

Target Volume (ul)	Channel	Mean Volume	SD	Accuracy % Actual Target	Precision % Actual Target	Status	Sample	Sample Wt. (mg)	Actual Volume (ul)
500.00	1	500.4700	0.3500	0.09	2.00	Passed	1	482.1200	500.9000
							2	482.8400	501.6400
							2	482.3200	501.1000
							3	481.7700	500.5300
							4	481.6400	500.4000
							4	481.3000	500.0400

Uncertainty: **0.7000** 7/29 S.R.H.

Uncertainty: 1.5

This report has been amended to accurately reflect the accredited Calibration and Measurement Capabilities of BioTek Services, Inc.

Signature:

BTS-SOP-002

Template Rev. 20

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 specifications outlined in ISO/IEC 17025:2005. The uncertainty results reported on reverse represents the Calibration and Measurement Capabilities (CMC) of the laboratory. Actual uncertainty upon request and was accounted for in making Pass/Fail determinations.

See email in front of binder with letter from BioTek explaining amendments.
Ken 7/30/15



Report of Calibration

Vermont Forensics Laboratory

Bio-Tek Services, Inc., 5310 South Lebanon Ave., Richmond, VA, 23231 T-800-792-3625
ISO/IEC 17025:2005 Accredited

Calibration Type:

As Found

Contact Name: Rebecca Mead

103 South Main St.

Location/Dept:

Phone: 802-241-5279

Waterbury, VT 05671

Device ID: **HH94382**

Cal Date: **6 - July -15**

Next Due Date: **January - 16**

Manufacturer: Thermo Scientific Fimmpipette

Size: 500 ul

Tip used: General Tip

Method: **EQ99H Fixed**

Test Plan: ISO 17025, 500ul, Fixed

Status:

Passed

Operator: Stephen Halliday

Balance ID: BTS-BAL-012

Weight SN#: BTS-WTSET-018

Certificate#: 28892-01

Comment:

Environmental Factors

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SUMMARY STATISTICS

Target Volume (ul)	Channel	Mean Volume	SD	Accuracy % Actual Target	Precision % Actual Target	Status	Sample	Sample Wt. (mg)	Actual Volume (ul)
500.00	1	502.7200	0.4800	0.54	2.00	Passed	1	483.3200	502.1400
							2	483.7700	502.6100
							3	484.4300	503.3000
							4	483.9800	502.8300

Uncertainty: **0.9600** 7/29 S.R.H.

Uncertainty: 1.5

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Signature:

BTS-SOP-002

Template Rev. 20 April 2012

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Cal Date: **6 - July -15**

Next Due Date: **January - 16**

Manufacturer: Thermo Scientific Fimppipette

Size: 500 ul

Tip used: General Tip

Method: **8804H Fixed**

Test Plan: ISO 17025, 500ul, Fixed

Status: **Passed**

Operator: Stephen Halliday

Balance ID: BTS-BAL-012

Weight SN#: BTS-WTSET-018

Certificate#: 28892-01

Comment:

Environmental Factors

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Uncertainty: 0.7000

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Status: **Passed**

Operator: Stephen Halliday

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