

Pipette Calibration Certificate



9693-C Gerwig Ln., Columbia MD 21046 800-451-9593 labpeople.com

Device Details

Device ID: Pipette-1
 Serial #: 14633752
 Description: Single Channel
 Model: Biohit Proline Plus 100, Variable, 100uL, 1ch
 Model Size: 100 uL
 Tip Name:
 Batch No.:
 Owner: The Lab People, Inc.
 Address: 9693-C Gerwig Lane
 Columbia, MD
 Contact: Andy Condon-Douglas
 Location: The Lab People, Inc.

Calibration Details

Method: 3-Samples, accuracy and precision LEVEL 3
 Test Plan: 100ul Level3
 Calibrated by:

Certificate #: 77938

Environmental Factors

Temperature: 21.50 °C
 Atm. Pressure: 29.60 kPa Z Factor: 1.00243
 Relative Humidity: 55.00 % Air Density: 0.00035
 Liquid Density: 0.9979 Cubic 0.00000

Status

Calibration Date: 15-Sep-2016
 As Calibrated: Passed
 Next Due: Sep-2017

Comment:

Measurement Standards

Device ID	Description	Serial Number	Last Calibration	Next Calibration
SECURA225D-1S	Pipette Calibration Balance	0032709396	26-Apr-2016	26-Oct-2016
05965	Barometer	05965	10-Mar-2016	10-Mar-2017
35519-049	Humidity/Temperature Pen	35519-049	12-Feb-2016	12-Feb-2018

Maintenance


- Battery Seal
 Ejector Shaft
 O-ring Tension Ring
 Piston Grease
 Preventive Maintenance

As Calibrated

Summary Statistics				Accuracy %		Precision %		Sample Volumes (µL)			
	Mean	SD	Unc. +/-	Actual	Target	Actual	Target	Status	1	2	3
10.0 µL	10.0210	0.045	0.594	0.210	3.000	0.451	3.000	Passed	10.0644	10.0243	9.9742
50.0 µL	50.0112	0.135	0.611	0.022	3.000	0.270	3.000	Passed	50.0513	49.8608	50.1215
100.0 µL	100.1093	0.144	0.614	0.109	3.000	0.144	3.000	Passed	100.0525	100.2730	100.0024

Traceability:

Primary standards used for the calibration of equipment are traceable to the National Institute of Standards and Technology. The Scale People, Inc. meets requirements of ISO/IEC 17025. Calibration Procedures are performed in accordance with SOP 26 of our Standard Operating Procedure manual.

Calibrated by: Andy Condon-Douglas 15-Sep-2016 

Reviewed by: _____

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