

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)		
10.0 µL	Mean	SD	Unc. +/-	Actual	Target	Actual	Target	Status	1	2	3
Ch 1	10.0210	0.045	0.594	0.210	3.000	0.451	3.000	Passed	10.0644	10.0243	9.9742
50.0 µL	Mean	SD	Unc. +/-	Actual	Target	Actual	Target	Status	1	2	3
Ch 1	50.0112	0.135	0.611	0.022	3.000	0.270	3.000	Passed	50.0513	49.8608	50.1215
100.0 µL	Mean	SD	Unc. +/-	Actual	Target	Actual	Target	Status	1	2	3
Ch 1	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: _____

Device ID: Pipette-1
 Serial #: 14633752