

**Calibrate, Inc.**  
 2520 Stanwell Dr. Suite 100  
 Concord, CA 94520  
 ph.800.253.7064 fx.800.238.2268

**CALIBRATION CERTIFICATE**

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PIPETTE INFORMATION	
SERIAL #	A12345B
SIZE (µl)	1000
MANUFACTURER	Biohit
LOCATION	CompanyName
DEPARTMENT	QA
CONTACT	Smith, J.
RESTRICTION	GLP
CALIBRATION DATE	01-Nov-2010
CALIBRATED BY	PS
CALIBRATION DUE	01-May-2011
DATA TYPE	AS LEFT
ENVIRONMENTAL CONDITIONS	
TEMPERATURE IN F	70.00
RELATIVE HUMIDITY IN %	50.00
BAROMETRIC PRESSURE INCHES	30.00
AIR DENSITY	0.0012030425621
Z FACTOR	1.0029828772
MEASUREMENT & TEST EQUIP. INFO	
HERMO-HYGROMETER SERIAL #	90917310
CALIBRATION DUE	30-Nov-2010
BALANCE ID	METTLER
BALANCE MODEL	AG245
BALANCE SERIAL #	1117023184
CALIBRATION DUE	28-Feb-2011
WEIGHT SET SERIAL #	1MN2
CALIBRATION DUE	31-Aug-2012
PARTS REPLACED	
SEAL	NO
O RING	NO
PISTON	NO
SHAFT	NO
TENSION RING	NO
REPAIR	NO
ADJUST CALIBRATION	YES
PREVENTIVE MAINT.	YES

TOLERANCE LIMITS				SERVICE INFORMATION	
VOLUME µl	INACCURACY %	+/- ml	IMPRECISION %	SOP Followed	Level 5 SOP 125-5 / DATA TYPE: AS LEFT
250	3.00	0.00750	3.00		
750	3.00	0.02250	3.00		
1000	3.00	0.03000	3.00		

AS LEFT CALIBRATION DATA							STATISTICAL ANALYSIS				
SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	0.25153	0.75059	0.99777	
1	0.25110	0.25185	0.74980	0.75204	0.99640	0.99937	+/- ml (Guardband)	0.00654	0.01884	0.02610	
2	0.25050	0.25125	0.74570	0.74792	0.99720	1.00017	INACCURACY %	0.61122	0.07897	0.22326	
3	0.25140	0.25215	0.75010	0.75234	0.99250	0.99546	IMPRECISION %	0.18999	0.24359	0.19531	
4	0.25070	0.25145	0.74880	0.75103	0.99410	0.99707	Proc. Uncert.(k=2)	0.00096	0.00366	0.00390	
5	0.25020	0.25095	0.74740	0.74963	0.99380	0.99676	CALIBRATION RESULTS				
							ACCURACY	PASS	PASS	PASS	
							PRECISION	PASS	PASS	PASS	
							Within k=2 95% Confidence	YES	YES	YES	

<b>INSTRUMENT STATUS</b>	<b>PASS</b>
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Technician: \_\_\_\_\_

Approved By: \_\_\_\_\_

**Note:**

Date: 01-Nov-2010

This calibration was conducted using standards traceable to SI through N.I.S.T. This document may not be reproduced except in full.

