

# Pipette Calibration Worksheet

## KCMC - Moshi, Tanzania

Operator Name

Date

Water Temp <sup>0</sup>C

Water Density

<sup>1</sup> Water density from table 2

Pipettor Model  ID/ Serial Number

Precision (CV%)

<sup>2</sup>CV -from the package insert or manufacturer's web site.

Test Volume  $\mu$ L

Accuracy (%)

<sup>4</sup> From Table 3

Accuracy Acceptance Range ( $\mu$ L)

to

<sup>5</sup> Calculate the acceptance range

<sup>3</sup>Enter weights from the balance

Calibration	Test Weight (g)		
	#1	#2	#3
1	0.1011		
2	0.1012		
3	0.0999		
4	0.0998		
5	0.0999		
6	0.0996		
7	0.1011		
8	0.1012		
9	0.0999		
10	0.0997		
Mean	0.10034	#DIV/0!	#DIV/0!
Water Volume = Weight/ Density	0.10072	#DIV/0!	#DIV/0!
SD	0.0007	#DIV/0!	#DIV/0!
CV%	0.6992	#DIV/0!	#DIV/0!
Mean volume of pipette in $\mu$ L	100.72	#DIV/0!	#DIV/0!

<sup>4</sup>Use the other columns if your first calibration is unsuccessful

Please check the appropriate box

Accuracy Acceptable  Not acceptable

<sup>6</sup>

Precision Acceptable  Not acceptable

<sup>6</sup>Check the appropriate boxes

Supervisor \_\_\_\_\_ Date \_\_\_\_\_