

# Pipette Calibration Worksheet

## KCMC - Moshi, Tanzania

### KCMC Biotechnology Laboratory Pipette Calibration Worksheet

Operator Name

Date

Water Temp <sup>o</sup>C

Water Density

Pipettor Model

ID/ Serial Number

Precision (CV%)

Test Volume (uL)

Accuracy (%)

Acceptance Range (uL)

to

	Test Weight (g)		
Calibration	#1	#2	#3
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Mean	#DIV/0!	#DIV/0!	#DIV/0!
Water volume = Weight/Density	#DIV/0!	#DIV/0!	#DIV/0!
SD	#DIV/0!	#DIV/0!	#DIV/0!
CV%	#DIV/0!	#DIV/0!	#DIV/0!
Mean volume of pipette in uL	#DIV/0!	#DIV/0!	#DIV/0!

*Please check the appropriate box*

**Accuracy**

Acceptable

Not acceptable

**Precision**

Acceptable

Not acceptable

**Supervisor**

\_\_\_\_\_

Date

\_\_\_\_\_

Calculate Mean +/- 2 SD =

All weigings must fall within the mean +/- 2 SD

Calculate +/-2% of the set volume =

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Mean must fall between  $\pm 2\%$  of set volume