

Pipette Calibration Worksheet

Appendix B, Example Worksheet

KCMC - Moshi, Tanzania

Operator Name

Date

Water Temp ⁰C

Water Density

¹ Water density from table 2

Pipettor Model

ID/ Serial Number

Precision (CV%)

²CV -from the package insert or manufacturer's web site.

Test Volume μ L

Accuracy (%)

⁴ From Table 3

Accuracy Acceptance Range (μ L)

to

⁵ - The acceptance range will be calculated automatically - Please leave "0" or a number in both boxes on a blank worksheet or the formula will be lost.

³ Enter weights from the balance in mg

Test Weight mg			
Calibration	#1	#2	#3
1	100.10		
2	100.00		
3	99.80		
4	99.20		
5	101.10		
6	100.50		
7	100.40		
8	99.70		
9	99.60		
10	99.30		
Mean	99.97	#DIV/0!	#DIV/0!
Water Volume = Weight/ Density	100.35	#DIV/0!	#DIV/0!
SD	0.5813	#DIV/0!	#DIV/0!
CV%	0.5792	#DIV/0!	#DIV/0!
Mean volume of pipette in μ L	100.35	#DIV/0!	#DIV/0!

⁴ Use the other columns if your first calibration is unsuccessful

Please check the appropriate box

Accuracy

Acceptable

☒

Not acceptable

☐

⁶ Check the appropriate boxes

Precision

Acceptable

☒

Not acceptable

☐

Supervisor

Date
