

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
BUREAU OF FOOD SAFETY AND LABORATORY SERVICES
LABORATORY DIVISION

Facility/Laboratory Name: _____

SEMI-ANNUAL PIPETTOR ACCURACY CHECK

Test Kit for Use: _____

Calibration Location: On-site Other Name: _____

Date:		Date:		Date:		Date:	
Pipettor ID:		Pipettor ID:		Pipettor ID:		Pipettor ID:	
Analyst:		Analyst:		Analyst:		Analyst:	
Balance used (SN#):		Balance used (SN#):		Balance used (SN#):		Balance used (SN#):	
Reading #	Weight(gm) ⁴	Reading #	Weight(gm) ⁴	Reading #	Weight(gm) ⁴	Reading #	Weight(gm) ⁴
1		1		1		1	
2		2		2		2	
3		3		3		3	
4		4		4		4	
5		5		5		5	
6		6		6		6	
7		7		7		7	
8		8		8		8	
9		9		9		9	
10		10		10		10	
Average		Average		Average		Average	

1. Check accuracy with ten (10) consecutive weighings once every 6 months.
2. Use with an analytical balance that reads to four decimal points.
3. Pipet and dispense as used during normal test procedure.
4. If pipettor specified volume is ≥ 1.0 mL, measurements may be by volume using class A graduated cylinder.
5. Average of all 10 weighing must be $\pm 5\%$ of pipettor specified delivery volume.
6. If accuracy check fails ($>5\%$), pipettor is to be taken out of service.
7. Individual pipettors must be etched or imprinted with identification and tagged with the average volume and date of accuracy check.