

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

Facility/Laboratory Name: \_\_\_\_\_

### **DMSCC SEMI-ANNUAL SYRINGE OR MICROPIPETTOR 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) <sup>4</sup>						
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  $\geq 1.0$  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.