

WEIGHT LOSS FOR PETRIFILM

INCUBATION TEMPERATURE: 32° C ± 1.0° C

INCUBATOR ID: _____

INCUBATION TIME: PAC or PPAC: 48 HRS ± 3 HRS; RAC: 24 HRS ± 2 HRS

DATE: _____ **TIME IN:** _____ **DATE:** _____ **TIME OUT:** _____

Petrifilm	Weight of Petrifilm (g)	Wt. of Petrifilm (g) Before Incubation		Wt. of Petrifilm (g) After Incubation		Percent Weight Loss
		Gross	Net (W1)	Gross	Net (W2)	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
					Mean Wt. Loss =	

Signature: _____

Date: _____

Alternate method: Weigh ten Petrifilms. Inoculate each with 1 mL dilution blank. Weigh again, incubate and calculate.

Petrifilm	Weight of Petrifilm (g)	Wt. of Petrifilm (g) Before Incubation		Wt. of Petrifilm (g) After Incubation		Percent Weight Loss
		Gross	Net (W1)	Gross	Net (W2)	
1-10						

Signature: _____

Date: _____

Acceptance Criteria: Mean weight loss is 15% or less

Net Weight = (Weight of Petrifilm + 1mL) – (Weight of Petrifilm)

$$\%WL = \frac{W1 - W2}{W1} \times 100$$

%WL = percent weight loss

W1 = net weight before incubation

W2 = net weight after incubation