

WEIGHT LOSS FOR SPC AGAR

INCUBATION TEMPERATURE: 35°C ± 0.5°C

INCUBATION TIME: 48 HRS ± 3 HRS

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

ANALYST: _____

Plate #	Weight of Petri Plate (g)	Wt. of Petri Plate and SPC Agar (g) Before Incubation		Wt. of Petri Plate and SPC Agar (g) After Incubation		Percent Weight Loss
		Gross	Net	Gross	Net	
1						
2						
3						
Mean Wt. Loss =						

Mean Weight Loss is: acceptable unacceptable

Comments:

Signature: _____

Date: _____

Acceptance Criteria: Mean weight loss is less than 15%.

Plates must contain 10-12 mL agar.

Net Weight = (Weight of Plate + Agar) – (Weight of Plate)

$$\%WL = 100 - \left[\frac{W2}{W1} \times 100 \right]$$

Where: %WL = percent weight loss

W1 = Original net weight

W2 = Agar net weight after incubation