



# Autoclave Cycle Acceptance Review Form

(Ref. [SOP VAL-175](#))

Run Number	Cycle Number	Project Number	Autoclave Number

Acceptance Criteria	Acceptance Criteria Achieved (Yes/No/Accepted under deviation or N/A)
Recorded cycle parameters are consistent with programmed cycle parameters.	
The Department of Agriculture (DoA) requirements are met for DoA regulated loads. (If load core measured, all points $\geq 121^{\circ}\text{C}$ for 15min, else all points $\geq 121^{\circ}\text{C}$ for 30min and all biological indicators do not show growth).	
The sterilisation phase time is not less than 15 minutes for non DoA regulated loads and temperature regulated cycles.	
The measured chamber pressure is within $\pm 1^{\circ}\text{C}$ of the mean chamber temperature at the midpoint of the sterilisation phase. Mean chamber Temperature = _____ $^{\circ}\text{C}$ Chamber Pressure = _____ kPa    Saturation Temperature = _____ $^{\circ}\text{C}$	

### Steam Penetration Studies (Load)

A minimum accumulated $F_0$ of 22 minutes is obtained at all load measurement (penetration) locations at the end of the cooling phase on the autoclave printout (with the exception of $F_0$ regulated cycles which must have a minimum $F_0$ of 15min).		
Min $F_0$ Obtained		T/C Location
All exposed BIs must test negative for growth, except for the positive control.		
Record the greatest load temperature and T/C location	$^{\circ}\text{C}$	T/C #: _____
<i>Wet Cycles Only:</i> All liquid volumes are $<90^{\circ}\text{C} \pm 1^{\circ}\text{C}$ at the end of the cooling cycle.		
<i>Dry Cycles Only:</i> The autoclave load is visibly dry. ("visibly dry" being defined as the load items and all layers of sterile wrapping material are free of pooled liquid upon visual inspection)		

### Heat Distribution Studies (Chamber)

The autoclave drain probe achieves a minimum temperature of $\geq 1^{\circ}\text{C}$ below the sterilisation set point temperature.      Set Pt. <input style="width: 50px;" type="text"/> Min. Temp. <input style="width: 50px;" type="text"/>		
The measured temperatures within the chamber are within $(+2/-1)^{\circ}\text{C}$ of the sterilisation temperature set point.		
Set Point	<input style="width: 80px;" type="text"/>	Lower Temperature <input style="width: 80px;" type="text"/> Upper Temperature <input style="width: 80px;" type="text"/>
The measured temperatures of the thermocouples within the chamber are within $\pm 1^{\circ}\text{C}$ of the mean chamber temperature at each time point.		
Trial Acceptance (Circle)	Met Criteria – Pass	Did not meet Criteria - Fail

Comments	
<b>Conducted By:</b> (Sign/Date)	<b>Reviewed By:</b> (Sign/Date)

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