# Autoclave Cycle Acceptance Review Form

(Ref. SOP VAL-175)

## Run Number

<table>
<thead>
<tr>
<th>Run Number</th>
<th>Cycle Number</th>
<th>Project Number</th>
<th>Autoclave Number</th>
</tr>
</thead>
<tbody>
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## Acceptance Criteria

### 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 ≥121°C for 15min, else all points ≥121°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 ± 1°C of the mean chamber temperature at the midpoint of the sterilisation phase.

| Mean chamber Temperature = | °C |
| Chamber Pressure = | kPa |
| Saturation Temperature = | °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).

<table>
<thead>
<tr>
<th>Min $F_0$ Obtained</th>
<th>T/C Location</th>
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</thead>
</table>

All exposed BIs must test negative for growth, except for the positive control.

Record the greatest load temperature and T/C location °C T/C #:_______

### Wet Cycles Only: All liquid volumes are <90°C ± 1°C at the end of the cooling cycle.

### Dry Cycles Only: 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 ≥1°C below the sterilisation set point temperature. Set Pt. Min. Temp.

<table>
<thead>
<tr>
<th>Set Point</th>
<th>Lower Temperature</th>
<th>Upper Temperature</th>
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</table>

The measured temperatures within the chamber are within (+2/-1)°C of the sterilisation temperature set point.

The measured temperatures of the thermocouples within the chamber are within ±1°C of the mean chamber temperature at each time point.

### Trial Acceptance (Circle)

- Met Criteria – Pass
- Did not meet Criteria - Fail

## Comments

### Conducted By:

(Sign/Date)

### Reviewed By:

(Sign/Date)