



## Certificate of Autoclaving

### LLG- Pipettes (variable and fix volume)

are produced **from autoclavable plastic material** and are **fully autoclavable**.

All items should be carefully cleaned before autoclaving to prevent baking contaminants into the surface of the plastic. After cleaning, all items should be rinsed thoroughly in distilled water before autoclaving. Certain chemicals which have no appreciable effect at room temperature may cause deterioration at autoclaving temperatures and therefore must be removed from the Pipette.

We recommend the pipettes be autoclaved according to the following specifications:

<b>Temperature</b>	<b>121° Celsius / 250° Fahrenheit</b>
<b>Pressure</b>	<b>1.05 bar / 15 psig (Pounds)</b>
<b>Time</b>	<b>15 minutes or less</b>

**NOTE:** Excessive heat and/or time in the autoclave can cause warping of both tips and racks.

**NOTE:** Dry heat sterilization of polypropylene which takes effect from 160° Celsius is not recommended. Dry heat sterilization with 121° Celsius or 250° Fahrenheit with no load and no stacking is possible overnight. Gas sterilization with ethylene oxide, formaldehyde is possible. We recommend allowing an appropriate aeration time suited to the particular application before reusing the item. Chemical disinfectants which are commonly-used (quaternary ammonium compounds, iodophors, formalin, benzalkonium chloride, ethanol etc.) can be used without problems.

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