



Certificate of Autoclaving

LLG- Pipette Tips
LLG- Pipette Filter Tips
LLG- Micro Tubes

are produced from **virgin polypropylene** and **autoclavable**.

All items should be carefully cleaned before autoclaving to prevent baking contaminants into the surface of the plastic. Certain chemicals which have no appreciable effect at room temperature may cause deterioration at autoclaving temperatures and therefore must be removed. We recommend these Tips, Tubes and Racks be autoclaved using the following specifications:

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

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 (quatery ammonium compounds, iodophors, formalin, benzalkonium chloride, ethanol etc.) can be used without problems.

Lab Logistics Group GmbH
Product Management
Am Hambuch 1
D-53340 Meckenheim
Germany

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