



Certificate of Sterility

**129-0013 VWR TWIST-SEAL SAFETY BAGS, STERILE, 4000ml, CLOSURE WITH
1 ROUND AND 1 FLAT WIRE, 254x382 mm**

Lot Number: **J060317**

VWR International hereby certifies that the specified meet all VWR specifications and quality criteria for release.

- All bags are made of Virgin polyethylene manufactured in accordance with FDA (Food and Drug Administration) specifications: tube is sterile extruded; resins used are biologically inert. Product should not be used at temperatures greater than 82°C (180°F), tolerances: $\pm 10\%$ on mil. thickness, $\pm 1/8"$ on width and length.
- Sterility is assured due to extrusion temperatures exceeding 220°C which will eliminate any present bacteria. During manufacturing all bags are sealed at both top and bottom in a continuous format before being cut into individual bags. This method assures that the bag's interior will never come in contact with its surroundings. Only once the bag is opened by tearing along the perforated line is the bag's interior susceptible to possible contamination from its present environment.
- Random tests carried out for Total Plate Count for Aerobic and Anaerobic Bacteria, Yeast and Molds, based on 7 days USP 34 section 71 modified testing methods indicated that no bacteria or molds were found and therefore VWR confirms the product to be sterile

This document has been produced electronically and is valid without a signature

Date of issue: **January 2014**