

## Quality Certificate

### VWR® DISPOSABLE SEROLOGICAL PIPETS

As per the manufacturer, the below product meets the following criteria:

<b>North American Catalog No</b>	89130-898
<b>EU Article No:</b>	NA
<b>Lot Number:</b>	04018027
<b>Description:</b>	VWR PIPETTE SERO 10ML PR CS200
<b>Manufacturing Date:</b>	02/10/2018
<b>Expiration Date:</b>	02/09/2021

#### Component Materials:

Pipette Polystyrene, meets USP Cytotoxicity Test <87>.  
Mouthpiece Plug Polyester, meets USP Cytotoxicity Test <87>.  
Ink meets USP Cytotoxicity Test <87>.

**Volumetric Accuracy:** This product has been tested and is accurate within +/- 2% at stated full volume. This manufacturing lot has been sampled and tested in accordance with Standard Operating Procedures and has been released by Quality Assurance for the following characteristics:

<u>Test/Procedure</u>	<u>Results</u>
Visual Attributes	Pass
Volumetric Accuracy	Pass
Packaging	Pass

**Sterilization:** The lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 "Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization".

**Sterility Assurance Level:** SAL 10<sup>-3</sup>

**Pyrogens:** The product has been tested and has met the criteria established in ANSI/AAMI ST 72:2002/(R) 2010: "Bacterial Endotoxins - Test methodologies, routine testing, and alternative to batch testing".

**Results:** <= 0.1 EU/mL (<= 4 EU/device)

**DNase/RNase Free:** The product has been tested and has met the criteria established in ANSI/AAMI ST 72:2002/(R) 2010: "Bacterial Endotoxins - Test methodologies, routine testing, and alternative to batch testing".

**Results:** <= 0.1 EU/mL (<= 4 EU/device)

**Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy:** This product is deemed animal free by virtue of not containing materials of animal origin and/or complies with the latest revision of EMA/410/01 section 6.4.

**Signed:**



Linda K. Shine  
Manager - Supplier Qualification  
Global Compliance  
VWR International LLC

**Date:** February 21, 2018