



## Quality Certificate

### VWR® DISPOSABLE SEROLOGICAL PIPET

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

|                                  |                                |
|----------------------------------|--------------------------------|
| <b>North American Catalog No</b> | 89130-898                      |
| <b>EU Article No:</b>            | 612-4951                       |
| <b>Lot Number</b>                | 35217036                       |
| <b>Description</b>               | VWR PIPETTE SERO 10ML PR CS200 |
| <b>Manufacturing Date:</b>       | 12/18/2017                     |
| <b>Expiration Date:</b>          | 12/17/2020                     |

#### 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 health care 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)

**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:** January 03, 2018