Certificate of Quality



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

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North American Catalog No	89130-898
Lot Number:	25018005
Description:	VWR Pipette Sero 10ml Pr Cs200
Manufacturing Date:	September 07, 2018
Expiration Date:	September 06, 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:

Test/Procedure	<u>Results</u>	
Visual Attributes	Pass	
Volumetric Accuracy Packaging	Pass Pass	
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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 10-3

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: Tested by nuclease assay method and found to be free of detectable DNase/RNase contamination. The assay detection limit is 10^-7 Kunitz units/uL for DNase and 10^-9 Kunitz units/uL for Rnase

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:

Jamie Ethier VP Global Quality VWR, Part of Avantor

James T Echic

Date: November 27, 2018