



## Quality Certificate

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### VWR® DISPOSABLE BACTERIOLOGICAL PIPETS, GLASS, STERILE, PLUGGED

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

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|-----------------------------------|--------------------------------|
| <b>North American Catalog No:</b> | 53281-816                      |
| <b>Lot Number:</b>                | BD27G                          |
| <b>Description:</b>               | VWR PIPET SERO GLAS 10ML CS400 |

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

In accordance with applicable ISO 9001 and Company requirements, manufacturer hereby certifies with respect to the above product that:

1. Product has been given appropriate visual, and/or mechanical and/or electronic inspection and the results of these inspections indicate that the product meets all agreed upon contractual specifications at the time of its shipment.
2. Glass: Manufacturer certifies that glass product will meet the following:
  - a) TYPE I Borosilicate Glass - Product meets the requirements for the glass grain test limits for Type I Glass when tested according to the current revisions of the USP <660> Pharmacopeias.
  - b) Arsenic Extraction - Product will meet the requirements as described in the current revisions of USP <660> and EP3.2.1 Pharmacopeias for Arsenic Extraction.
  - c) TYPE III Soda Lime Glass – Product meets the requirements for the glass grain test limits according to the current revisions of the USP <660> Pharmacopeias.
  - d) Amber Glass – Product conforms to the light transmission limits specified in the current version of the USP and EP Pharmacopeias.
  - e) Hydrolytic Resistance when indicated above this product conforms to the current version of USP <660>.  
\*EP compliant vials will either have “EP” listed in the item # or description or “Type I” in the description.
  - f) Heavy Metals are not intentionally added to the glass compositions. Thus, contents of lead, cadmium, mercury and hexavalent chrome are in compliance with the limit values of 100 parts per million by weight for US (TPCH and CONEG) and EC regulations.
  - g) Transmissible and Bovine Spongiform Encephalopathy (TSE/BSE) We certify that containers made from glass are free of any nonconforming animal derivatives.
3. Plastic: We certify that product made from resin material has been manufactured under controlled conditions and is in compliance with all applicable procedures and specifications.
4. Rubber: We certify that product made from rubber has been manufactured under controlled conditions and is in compliance with all applicable procedures and specifications.
5. Aluminum: We certify that product made from aluminum has been manufactured under controlled conditions and is in compliance with all applicable procedures and specifications.



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6. Hazardous Materials: The product does not fall within the scope of the RoHS directive, as the glassware products fall into the exempt status for Medical Devices. The product does not contain any of the restricted substances outlined by RoHS / WEEE or equivalent directive (e.g. OEHHA Proposition 65).

7. REACH: The product does not involve the "intentional release of substances".

8. Conflict Minerals: The product does not intentionally contain any of the conflict minerals (tin, tantalum, tungsten or gold) as outlined in Section 1502 of the Dodd-Frank Wall street Reform and Consumer Protection Act.

**Disclaimer:** The information herein provided may be based and/or obtained from raw material supplier certificates or, testing reports or, supplier Material Safety Data Sheets or similar.

**Signed:**

A handwritten signature in black ink that reads "Jamie Ethier".

Jamie Ethier  
VP Global Quality  
VWR, Part of Avantor

**Date:** October 15, 2020