

**Catalog Number:** 4491

**Product Description:** PIPETTE, 100ML, PPW, PS, S, IND, 10

**Component Materials:**

- Pipette - Polystyrene meets *USP, Class VI* requirements for plastic containers and closures. Polystyrene also meets *USP Cytotoxicity Test <87>*.
- Mouthpiece Plug - Polyester, meets *USP Cytotoxicity Test <87>*.
- Ink - Aqua/ black, meets *USP Cytotoxicity Test <87>*.

**Packaging Material:**

- Paper - Cellulose with an EVA (ethylene vinyl acetate) layer
- Film - Layers of EVA (ethylene vinyl acetate) copolymer and an isomer of ethylene acid copolymer

**Product Dimensions:**

- |                       |   |                           |               |   |          |
|-----------------------|---|---------------------------|---------------|---|----------|
| Overall Length        | - | 13.61 in.+/- .050 in.     | Tip ID        | - | .125 in. |
| Max Working Volume    | - | 100 mL                    | Mouthpiece OD | - | .310 in. |
| Volumetric Accuracy   | - | +/- 2% stated full volume | Pipette OD    | - | .960 in. |
| Tolerances of ID & OD | - | +/- .015 in.              |               |   |          |

**Sterility** - Product has been sterilized and dosimetrically released per the requirements of ANSI/AAMI/ISO 11137, "Sterilization of health care products- Radiation". Products meet a minimum Sterility Assurance Level (SAL) of  $10^{-3}$ .

**Non-Pyrogenic** - Tested and met the criteria established in the current version of ANSI/AAMI ST 72, "Bacterial Endotoxins - Test methodologies, routine monitoring, and alternatives to batch testing". The acceptance level for product is  $\leq 0.10$  EU/ml or  $\leq 4$  EU/device.

**BSE/TSE** – 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.

**DNase/RNase Free** - 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.

**Volumetric Accuracy** - Serological pipets are accurate to +/- 2% at full volume in compliance with ASTM E934, "Standard Specification for Serological Pipet, Disposable Plastic" and ISO 12771, "Plastics laboratory ware - Disposable serological pipettes".

**Quality Control Testing** - Representative production samples are collected and inspected in accordance with current applicable product specifications. Inspection records are reviewed and approved by qualified personnel for product release. Key inspections and inline tests are listed below:

- Visual Inspection - Pass
- Packaging Inspection – Pass
- Integrity – Pass

**Lot Number Designation:**

8 Digit Lot Number: First 3 digits – Julian date, start of manufacturing; Next 2 digits – Year of manufacture; Last 3 digits – Batch identification.

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