

# Certificate of Conformity

|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>VWR Catalogue Number</b>       | See List                    |
| <b>Description</b>                | VWR® Universal Pipette Tips |
| <b>Country of Origin</b>          | Manufactured in Mexico      |
| <b>Date of Issue (yyyy-mm-dd)</b> | 2025-02-27                  |

10 µL

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6462         | Sterile     |
| 613-6453         | Non-Sterile |
| 613-6440         | Sterile     |
| 613-6433         | Non-Sterile |
| 613-6416         | Non-Sterile |

10 µL Extended

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6463         | Sterile     |
| 613-6454         | Non-Sterile |
| 613-6441         | Sterile     |
| 613-6434         | Non-Sterile |
| 613-6417         | Non-Sterile |

200 µL

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6465         | Sterile     |
| 613-6456         | Non-sterile |
| 613-6442         | Sterile     |
| 613-6435         | Non-sterile |
| 613-6418         | Non-sterile |

250 µL

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6468         | Sterile     |
| 613-6458         | Non-sterile |
| 613-6436         | Non-sterile |
| 613-6419         | Non-sterile |

300 µL

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6469         | Sterile     |
| 613-6459         | Non-sterile |
| 613-6443         | Sterile     |
| 613-6437         | Non-sterile |
| 613-6420         | Non-sterile |

1000 µL

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6470         | Sterile     |
| 613-6460         | Non-sterile |
| 613-6438         | Non-sterile |
| 613-6421         | Non-sterile |

1250 µL

| Catalogue Number | Sterility   |
|------------------|-------------|
| 613-6471         | Sterile     |
| 613-6461         | Non-sterile |
| 613-6444         | Sterile     |
| 613-6439         | Non-sterile |
| 613-6422         | Non-sterile |

Empty racks

| Catalogue Number | Sterility                                                                                    |
|------------------|----------------------------------------------------------------------------------------------|
| 613-6445         | Empty racks for 10 µl to 300 µl tip reloads, universal and LTS® compatible, autoclavable     |
| 613-6446         | Empty racks for 1000 µl and 1250 µl tip reloads, universal and LTS® compatible, autoclavable |

## Quality System Compliance

Products are manufactured under the **ISO 9001:2015 & and ANSI/AAMI ISO 11137** standard. Products are inspected and controlled through whole production processing in accordance with current applicable product specifications and QC SOP.

## QC Testing

Representative products samples are collected and inspected in accordance with current applicable QC requirements.

**Functional Testing:** Each product is inspected at regular intervals to our set specifications to ensure the proper form, fit and function. Functional testing for tips includes a test for leaking and an accuracy test using the maximum volume of the tip. Accuracy and precision are then printed on the pack boxes in the form of the CV value.

**Traceability:** Products are manufactured with the Lot number, Part number and expiration date, clearly printed on the pack and case box labels. Pipette tip racks are labelled with the lot number, Part number and tip size, on the front of the lid for an extra level of traceability.

## Product Specifications

**Material** Mixture of Polypropylene Random Copolymer, Polypropylene, Ethylene and Polypropylene Copolymer. Above products complies with USP Class VI test.

|                                |                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sterilization</b>           | Product labelled as sterile are EB (Electron beam) irradiated and dose released upon ISO 11137-2:2013 recommended practices in effect at the time of validation meet a minimum requirement of $10^{-3}$ SAL with a specified dose range of 3.0 kGy – 20 kGy which is not applicable for non-sterile products.                                                                      |
| <b>ATP Assay</b>               | Products are tested via luminescence detection (detection limit $2.5 \times 10^{-10}$ mg/ $\mu$ L) for the presence of ATP and the assay resulted with a value of $2.5 \times 10^{-10}$ to $7.2 \times 10^{-9}$ mg/ $\mu$ L.                                                                                                                                                       |
| <b>PCR Inhibitor</b>           | Products are tested via PCR amplification and gel electrophoresis analysis                                                                                                                                                                                                                                                                                                         |
| <b>DNase &amp; RNase Free</b>  | This product is free of any detectable DNase/RNase contamination. Test sensitivity is $10^{-7}$ Kunitz units/ $\mu$ L and the specification level is $< 10^{-7}$ Kunitz units/ $\mu$ L.                                                                                                                                                                                            |
| <b>Nucleic Acid Free</b>       | Products are tested for nucleic acid by electrophoretic detection method with a limit of 10 ng. As a result no amplicons were detected.                                                                                                                                                                                                                                            |
| <b>BSE/TSE</b>                 | No use of any raw material produced from or substances derived from animal origin. The manufacturing process of the product does not use any ingredient of animal origin and no material derived from or exposed to animals affected by or under quarantine for transmitting Animal Bovine Spongiform Encephalopathy/Spongiform Encephalopathy (BSE)/(TSE).                        |
| <b>Cytotoxicity</b>            | This product is free of cytotoxicity effects.                                                                                                                                                                                                                                                                                                                                      |
| <b>Non-Pyrogenic Statement</b> | The acceptance level for product is 0.06 EU/ml (LAL Test), and the specification level is $< 0.06$ EU/ml.                                                                                                                                                                                                                                                                          |
| <b>Latex Statement</b>         | The product is Latex free.                                                                                                                                                                                                                                                                                                                                                         |
| <b>BPA Statement</b>           | Bisphenols are not used in the manufacture of the raw material and are not expected to be present.                                                                                                                                                                                                                                                                                 |
| <b>DEHP Statement</b>          | Please see RoHS information below.                                                                                                                                                                                                                                                                                                                                                 |
| <b>RoHS</b>                    | No substances (Lead, Cadmium, Mercury, Hexavalent Chromium ( $\text{Cr}^{6+}$ ), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), Benzyl Butyl Phthalate (BBP), Bis(2-Ethyhexyl) Phthalate (DEHP), Dibutyl Phthalate (DBP), Diisobutyl Phthalate (DIBP)) are used in manufacturing the raw materials and final product. No routinely analyse is performed. |
| <b>REACH Statement</b>         | No substances as listed on >Substance of Very High Concern< candidate list are used in manufacturing of the raw materials used to produce this product. No routinely analysis is performed.                                                                                                                                                                                        |

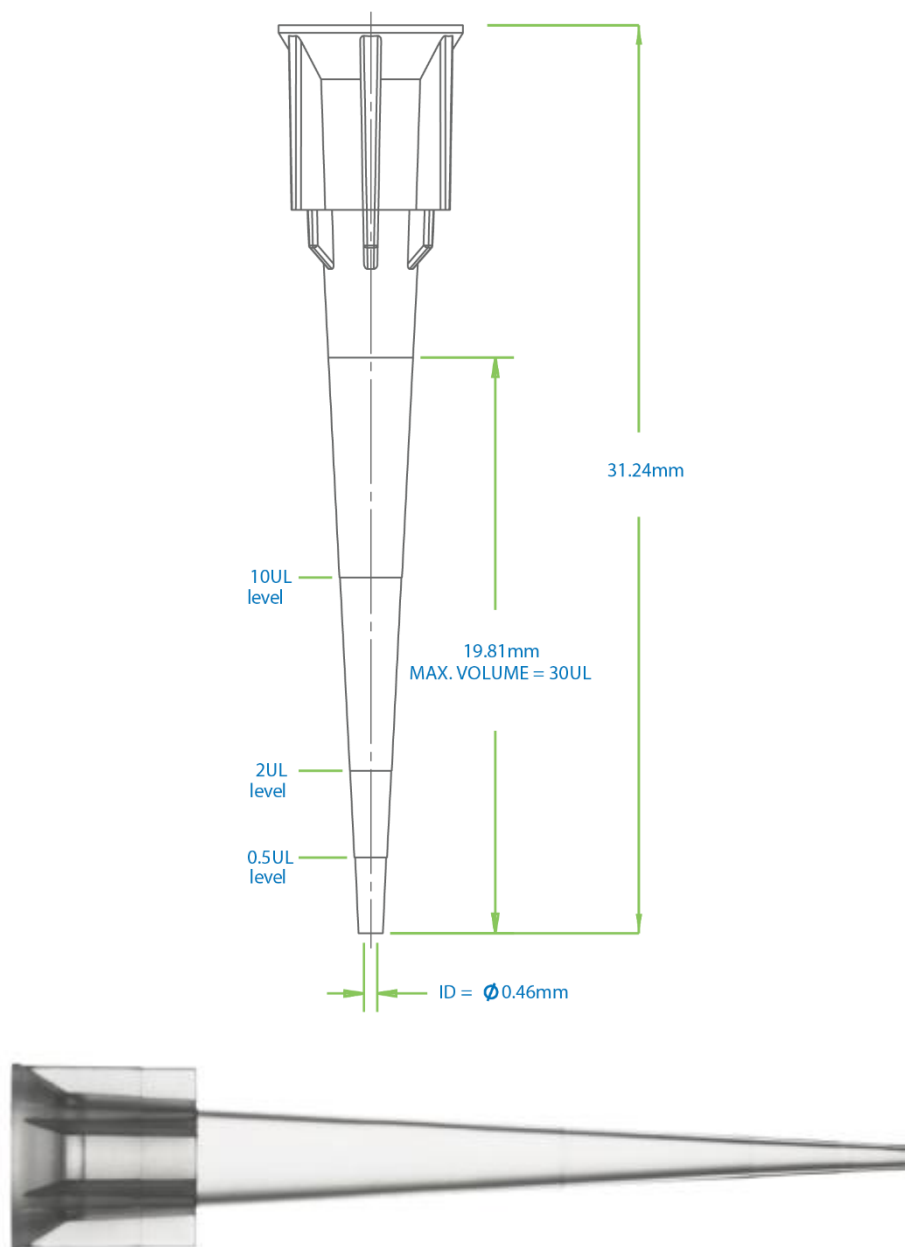
|                           |                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------|
| <b>Material Statement</b> | Products does not contain Phthalates, phthalate additives, plasticizers, mold release agents, GMO. |
| <b>Storage Conditions</b> | Store at room temperature.                                                                         |
| <b>Shelf Life</b>         | 5 years.                                                                                           |

Disclaimer: VWR states that this declaration will not discharge the user from their obligation to ensure the product is suitable for the intended use. The purpose of the product is for use in laboratory only.  
This document has been produced electronically and is valid without a signature.

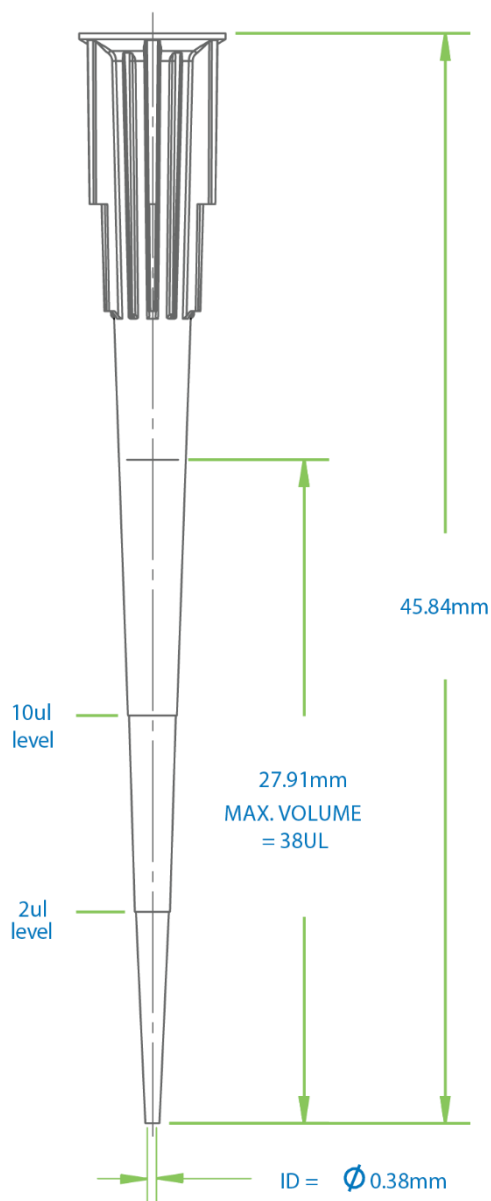
## Annex

### Technical Drawings

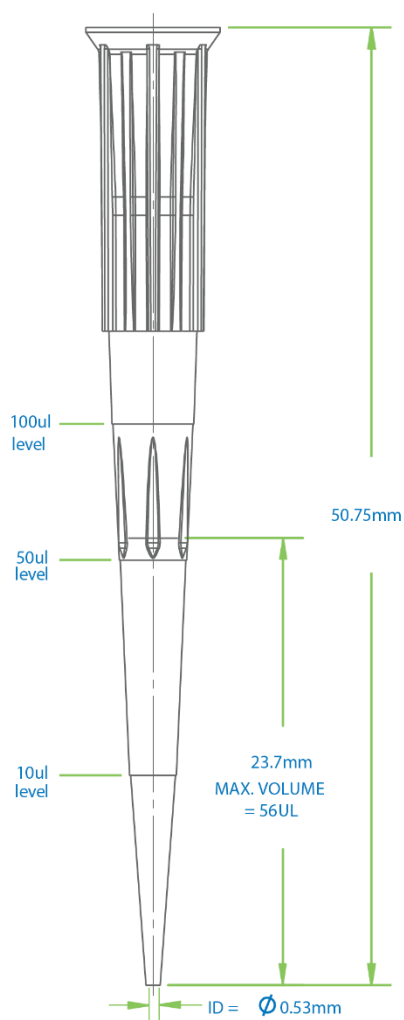
10 µl tips: 613-6462, 613-6453, 613-6440, 613-6433, 613-6416



10 µl Extended tips: 613-6463, 613-6454, 613-6441, 613-6434, 613-6417

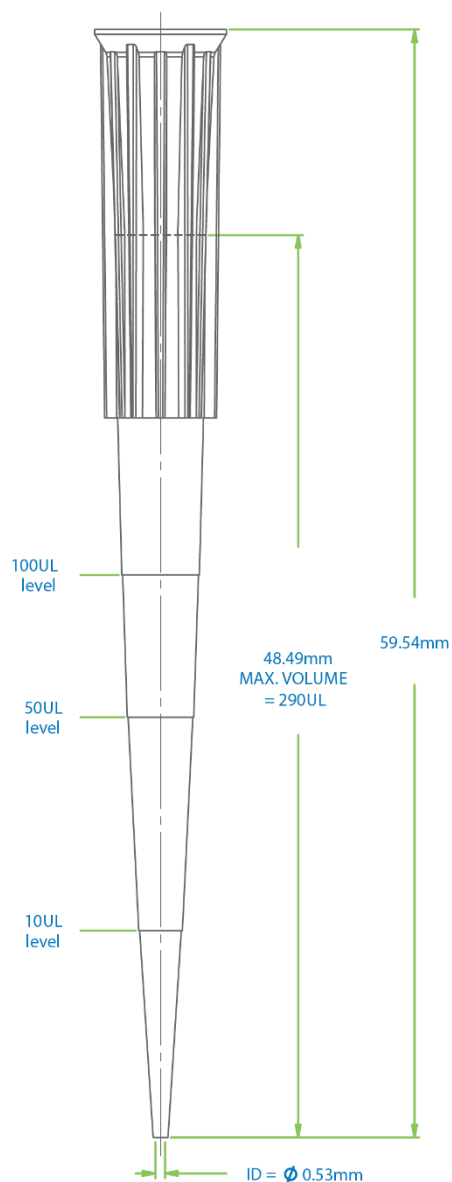


200 µl tips: 613-6465, 613-6456, 613-6442, 613-6435, 613-6418

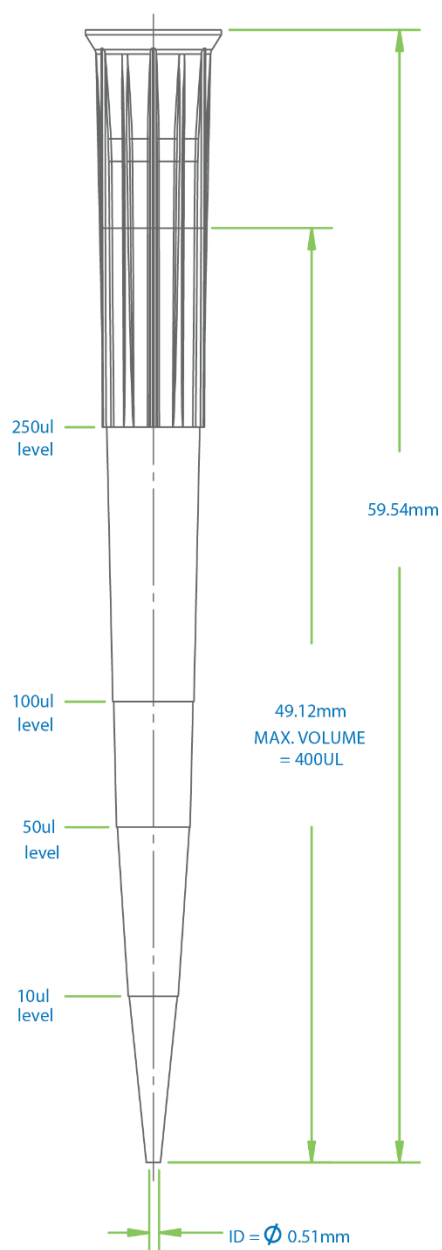




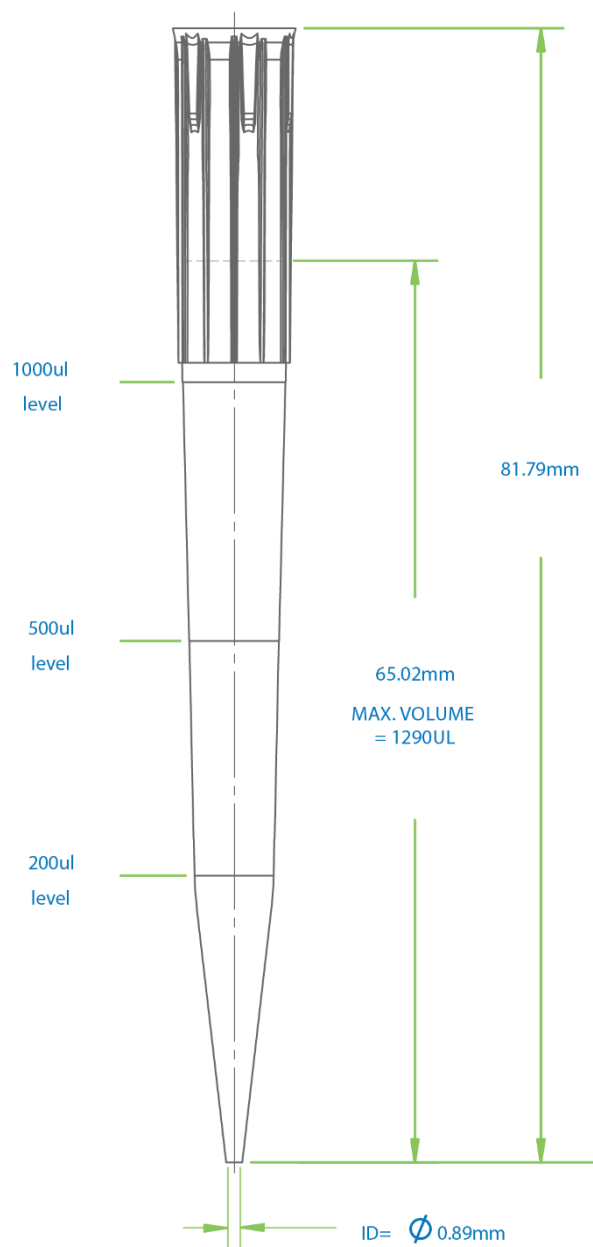
250 µl tips: 613-6468, 613-6458, 613-6436, 613-6419



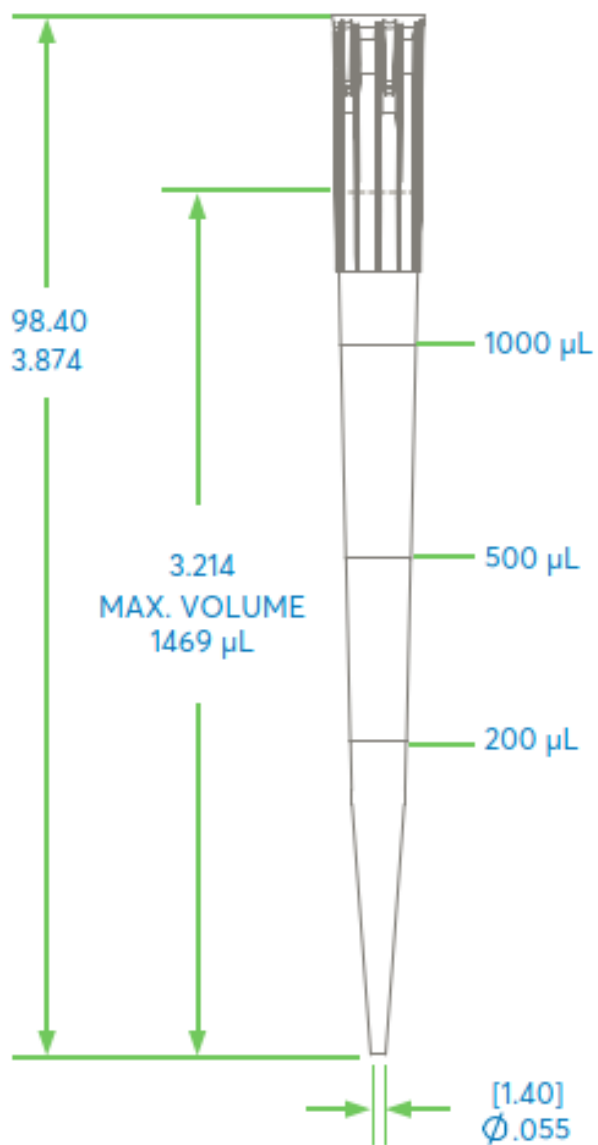
300 µl tips: 613-6469, 613-6459, 613-6443, 613-6437, 613-6420



1000 µl tips: 613-6470, 613-6460, 613-6438, 613-6421



1250 µl tips: 613-6471, 613-6461, 613-6444, 613-6439, 613-6422



## Version History

| Sl.no | Version number | Description                                                                 | Month & Year |
|-------|----------------|-----------------------------------------------------------------------------|--------------|
| 1     | 1.0            | Created General CoC using new layout                                        | 11-2021      |
| 2     | 1.0            | 613-6422 included in table (internal change)                                | 01-2024      |
| 3     | 2.0            | Updated sterilization, DNase RNase, Non-Pyrogenic Statement, and Reach date | 05-2024      |
| 4     | 3.0            | New product codes included and shelf life updated                           | 09-2024      |
| 5     | 3.1            | Included Functional testing, and Traceability                               | 02-2025      |