

Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Universal Pipet Tips
Country of Origin	Manufactured in Mexico
Date of Issue (yyyy-mm-dd)	2025-08-14

Racked, filtered, sterile

VWR Catalogue Number	Volume	Length	Tip style
76327-214	0.1 - 2 µl	31.24 mm (1.23")	Standard
76322-528	0.1 - 10 µl	31.24 mm (1.23")	Standard
76322-132	0.5 - 10 µl	45.84 mm (1.81")	Extended
76322-134	1 - 20 µl	50.75 mm (2.00")	Standard
76322-136	1 - 100 µl	50.75 mm (2.00")	Standard
76322-150	20 - 200 µl	59.54 mm (2.34")	Standard
76322-152	20 - 300 µl	59.54 mm (2.34")	Standard
76322-154	100 - 1000 µl	81.82 mm (3.22")	Standard
76322-156	100 - 1250 µl	98.40 mm (3.87")	Standard

Racked, non-filtered, sterile

VWR Catalogue Number	Volume	Length	Tip style
76322-512	0.1 - 10 µl	31.24 mm (1.23")	Standard
76322-514	0.5 - 10 µl	45.84 mm (1.81")	Extended
76322-516	20 - 200 µl	50.75 mm (2.00")	Standard
76322-518	20 - 250 µl	59.54 mm (2.34")	Standard
76322-520	20 - 300 µl	59.54 mm (2.34")	Standard
76322-522	100 - 1000 µl	81.82 mm (3.22")	Standard
76322-138	100 - 1250 µl	98.40 mm (3.87")	Standard

Racked, non-filtered, non-sterile

VWR Catalogue Number	Volume	Length	Tip style
76322-140	0.1 - 10 µl	31.24 mm (1.23")	Standard
76322-142	0.5 - 10 µl	45.84 mm (1.81")	Extended
76322-144	20 - 200 µl	50.75 mm (2.00")	Standard
76322-146	20 - 250 µl	59.54 mm (2.34")	Standard
76322-148	20 - 300 µl	59.54 mm (2.34")	Standard
76322-524	100 - 1000 µl	81.82 mm (3.22")	Standard
76322-526	100 - 1250 µl	98.40 mm (3.87")	Standard

Reload, non-filtered, sterile

VWR Catalogue Number	Volume	Length	Tip style
76323-396	0.1 - 10 µl	31.24 mm (1.23")	Standard
76323-398	0.5 - 10 µl	45.84 mm (1.81")	Extended
76323-400	20 - 200 µl	50.75 mm (2.0")	Standard
76323-402	20 - 300 µl	59.54 mm (2.34")	Standard
76323-404	100 - 1250 µl	98.40 mm (3.87")	Standard

Reload, non-filtered, non-sterile

VWR Catalogue Number	Volume	Length	Tip style
76323-394	0.1 - 10 µl	31.24 mm (1.23")	Standard
76323-388	0.5 - 10 µl	45.84 mm (1.81")	Extended
76323-390	20 - 200 µl	50.75 mm (2.0")	Standard
76323-392	20 - 250 µl	59.54 mm (2.34")	Standard
76323-452	20 - 300 µl	59.54 mm (2.34")	Standard
76323-454	100 - 1000 µl	81.82 mm (3.22")	Standard
76323-456	100 - 1250 µl	98.40 mm (3.87")	Standard

Bulk pipet tips

VWR Catalogue Number	Volume	Length	Tip style
76595-792	0.1 - 10 µl	31.24 mm (1.23")	Standard
76595-798	0.5 - 10 µl	45.84 mm (1.81")	Standard
76595-794	20 - 200 µl	50.75 mm (2.0")	Standard
76595-800	20 - 250 µl	59.54 mm (2.34")	Standard
76595-796	20 - 300 µl	59.54 mm (2.34")	Standard
76595-790	100 - 1000 µl	81.82 mm (3.22")	Standard
76595-788	100 - 1250 µl	98.40 mm (3.87")	Standard

Empty racks

VWR Catalogue Number	Description	For use with
76323-406	Empty Racks for Reloads, Autoclavable, 10 Racks/Pack	10 - 300 µl tips
76323-408	Empty Racks for Reloads, Autoclavable, 10 Racks/Pack	1000 - 1250 µl tips

Quality System Compliance

This certificate confirms that the product has been sourced from a supplier or manufacturer who has declared their Quality Management System (QMS) complies with **ISO 9001:2015 & and ANSI/AAMI ISO 11137** standard.

QC Testing

Representative products samples are collected and inspected in accordance with current applicable product specifications.

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 comply with USP Class VI test.

Sterilization	Products 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 to 20 KGy which is not applicable for non-sterile products.
ATP Assay	Products are tested via luminescence detection (detection limit 2.5 × 10 ⁻¹⁰ mg/μL) for the presence of ATP and the assay resulted with a value of 2.5 × 10 ⁻¹⁰ to 7.2 × 10 ⁻⁹ mg/μL.
DNase & RNase Free	Products are free of any detectable DNase/RNase contamination. The level of detection limit is 10 ⁻⁷ Kunitz units/μL and the specification level is < 10 ⁻⁷ Kunitz units/μL.
BSE/TSE	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).
Cytotoxicity	Products are free of cytotoxicity effects.
Non-Pyrogenic Statement	The level of detection limit is 0.06 EU/ml (LAL Test) and the specification level is < 0.06 EU/ml.
Latex Statement	The products are Latex free.
BPA Statement	Bisphenols are not used in the manufacture of the raw material and are not expected to be present.
DEHP Statement	Please see RoHS information below.
RoHS	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr6+), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), Benzyl Butyl Phthalate (BBP), Bis(2-Ethylhexyl) Phthalate (DEHP), Dibutyl Phthalate (DBP), Diisobutyl Phthalate (DIBP)) are used in manufacturing the raw materials and final product. No routine analysis is performed.
REACH Statement	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 routine analysis is performed.
Material Statement	Products does not contain Phthalates, phthalate additives, plasticizers, mold release agents, GMO.

Storage Conditions Store at room temperature.

Shelf life 5 years.

Disclaimer: VWR'S Quality Management System (QMS) is ISO 9001:2015 certified as a wholesale distributor of finished products, ensuring effective oversight of finished product handling, traceability and distribution processes. VWR is not a manufacturer and does not engage in manufacturing, co- manufacturing, or processing activities such as design, packaging, labelling, testing, or quality release. Consequently, the supplier or manufacturer's QMS certification may differ from VWR's.

VWR states that this declaration will not discharge the user from their obligation to ensure the product is suitable for the intended use. This product is intended for research use only. It is not for use in diagnostic procedures, therapeutic applications, or any human or clinical use. This document has been produced electronically and is valid without a signature.

Version History

Sl.no	Version number	Description	Month & Year
1	1.0	Created General CoQ using new layout	June 2021
2	1.1	Updated sterilization statement and reach date	March 2024
3	1.2	Updated sterilization dosage range	March 2024
4	1.3	Updated ATP assay, DNase RNase, non-pyrogenic statement, reach date and added Nucleic acid free.	April 2024
5	2.0	Internal revision to update revision no	June 2024
6	3.0	Updated shelf life	September 2024
7	3.1	Included Functional Testing and Traceability	February 2025
8	4.1	Modified Quality System Compliance and Disclaimer Statement	August 2025