

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)	2024-03-06

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

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 product specifications.

Product Specifications

Material	Mixture of Polypropylene Random Copolymer, Polypropylene, Ethylene and Polypropylene Copolymer. Above products comply with USP Class VI test.
Sterilization	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 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	This product is free of any detectable DNase/RNase contamination. Test sensitivity 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	This product is free of cytotoxicity effects.
Non-Pyrogenic Statement	The acceptance level for product is 0.06 EU/ml (LAL Test).
Latex Statement	The product is 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 routinely analyse is performed.
REACH Statement	No substances as listed on >Substance of Very High Concern< candidate list published 2024-01-23 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.
Material Statement	Products does not contain Phthalates, phthalate additives, plasticizers, mold release agents, GMO.
Storage Conditions	Store at room temperature.
Shelf life	Products labelled as sterile has shelf life of 5 years which is not applicable for non-sterile products.

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.

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