Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Polypropylene Microcentrifuge Tubes with Conical Bottom, Non-sterile
Country of Origin	Manufactured in USA
Date of Issue (yyyy-mm-dd)	2025-07-14

VWR Catalogue Number	Volume [mL]	Colour
87003-290	0.65	Natural
87003-292	0.65	Rainbow Pack
87003-294	1.7	Natural
87003-296	1.7	Rainbow Pack
87003-298	2	Natural
87003-300	2	Rainbow Pack
87004-254	0.65	Red
87004-256	0.65	Blue
87004-258	0.65	Green
87004-260	0.65	Yellow
87004-262	0.65	Purple
87004-264	1.7	Red
87004-266	1.7	Blue
87004-268	1.7	Green
87004-270	1.7	Yellow
87004-272	1.7	Purple
87004-274	2	Red
87004-276	2	Blue
87004-278	2	Green
87004-280	2	Yellow
87004-282	2	Purple

Quality System Compliance

Products are manufactured under the ISO 13485:2016 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.

Inspections and inline tests are

Visual Inspection	Pass
Packaging Inspection	Pass
Fit Form Function Testing	Pass

Human DNA Free: This product is free of any detectable human DNA contamination. The assay detection limit is 5 pg.

PCR Inhibition: This product has found no inhibition of real time PCR with a Ct comparison of ≤.5XCT$_{PosCtrl}$-Ct.

Product Specifications

Material	100% Virgin Polypropylene, natural resin; Complies with USP Class VI
Sterilization	The products are non-sterile.
ATP Assay	Not applicable.
DNase & RNase Free	This product is free of any detectable DNase/RNase contamination. The assay detection limit is 10^{-5} Kunitz unit/µL for DNase and 10^{-9} Kunitz unit/µL for RNase.
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	The product meets the requirement of USP Class VI Chapter <87>, "Biological Reactivity Tests, in vitro" and Chapter <88>, "Biological Reactivity Tests, in vivo". The material resin is tested, qualified and shown to be non-toxic.
Non-Pyrogenic Statement	The acceptance level for product ≤ 0.02 EU/mL or ≤ 0.8 EU/device. (Bacterial Endotoxins test methodologies).

Latex Statement	The products are Latex free.
BPA Statement	Not applicable.
DEHP Statement	Not applicable.
RoHS	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr^{6+}), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), Bis(2-Ethyhexyl) Phthalate (DEHP), Benzyl Butyl Phthalate (BBP), 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 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.
Storage Conditions	Store at relatively dry 30-40% relative humidity, and cool room temperature.
Shelf Life	3 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.

Version History

Sl.no	Version number	Description	Month & Year
1	1.0	Created General CoQ using new layout	May 2021
2	1.1	Removed Bacterial DNA. The values of endotoxin are changed to ≤ 0.05 EU/mL or ≤ 2 EU/device. Values of DNase changed from 4 X 10^{-6} U/µL to 10^{-5} Kunitz units/µL and RNase changed from 10^{-10} U/ µL to 10^{-9} Kunitz units/ µL. The detection limit for human DNA changed from 0.5 pg/µL to 5 pg.	November 2023
3	1.2	The values of endotoxin are changed from ≤ 0.05 EU/mL or ≤ 2 EU/device to ≤ 0.02 EU/mL or ≤ 0.8 EU/device. Updated Reach date.	March 2024
4	1.3	Updated Latex statement.	June 2024
5	2.3	Updated Disclaimer and Quality system compliance statement	July 2025