Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Metal-Free Centrifuge Tubes, Polypropylene, Sterile, Standard Line
Country of Origin	Manufactured in China
Date of Issue (yyyy-mm-dd)	2021-03-03

VWR Catalogue Number	Volume [mL]	Max.rcf [g]	Cap type	Style
10025-710	50	12,500	Flat	Conical-Bottom
10025-708	50	12,500	Flat	Conical-Bottom
10025-706	15	12,500	Flat	Conical-Bottom
10026-322	15	12,500	Flat	Conical-Bottom

Quality System Compliance

Products are manufactured under the ISO 9001:2015 & 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.

Maximum Relative Centrifuge force: Microcentrifuge tubes has been validated on centrifuge force testing. The acceptance level for product is 12,500×g.

Autoclave Test: Products has been tested at 121 °C for 20 min in an autoclave and it is integer, no distortion, and no leak with cap after autoclave.

Low temperature test: Products has been tested at -80 °C for 24 hours in freezer and it is integer, no distortion, and no leak with cap after freezing.

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Product Specifications

This product is Class I category device as defined by the FDA in 21CFR Parts 862-892.

Material	Cap: High Density Polyethylene (HDPE) Tube: Polypropylene (PP)
Sterilization	Product labelled as sterile are EB (Electron Beam) irradiated and dose released upon ISO 11137 recommended practices in effect at the time of validation and they meet a minimum requirement of 10^{-6} SAL with a specified dose range of 15 - 30 kGy.
ATP Assay	Not applicable.
DNase & RNase Free	This product is free of any detectable DNase/RNase contamination.
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	Testing is conducted to quality all material resins using ISO 10993 standards for cytotoxicity and have been shown to be non-toxic.
Non-Pyrogenic Statement	The acceptance level for product is 0.05 EU/ml or less than 20 EU/device. (TAL Gel Clot Method).
Latex Statement	The product is latex free.
BPA Statement	Bisphenol are not used in the manufacture of the raw material and are not expected to be present.
DEHP Statement	Not applicable.
RoHS	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr^{6+}), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), 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.

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REACH Statement	Not applicable.
Storage Conditions	Store at 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.
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