

Certificate of Quality

VWR Catalogue Number	See List
Description	SpectraTube™ Centrifuge Tubes
Country of Origin	Manufactured in China
Date of Issue (yyyy-mm-dd)	2021-10-28

VWR Catalogue Number	Volume [mL]	Dimensions	Max. rcf	Length [mm]	Diameter [mm]	Thickness [mm]
470224-998	15	17 x 118 mm	12000×g	120.7	16.8	1.27
470225-002	50	28 x 118 mm	15000×g	115	29.1	1.41
470225-000	15	17 x 118 mm	12000×g	120.7	16.8	1.27
470225-004	50	28 x 118 mm	15000×g	115	29.1	1.41

Quality System Compliance

Products are manufactured under the [ISO 9001:2015 & EN ISO11135-1:2007](#) 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.

Type of sterilization cycle	Overkill cycle
Gas mixture	EO density of 1 Kg/m ³
Maximum level of gas residue	10 ppm

Product Specifications

Material	Tube Material Translucent Polypropylene. Cap Material HDPE (High-density polyethylene) Appearance Uniform cap colour, printed graduations, and should be no impurity, oiliness, or incomplete molding.
Sterilization	Product is Ethylene oxide irradiated and dose released upon ANSI/AAMI/ISO11135-1:2007 recommended practices in effect at the time of validation meets a minimum requirement of 10 ⁻⁶ SAL.
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	This product is non toxin.
Non-Pyrogenic Statement	The acceptance level for this product is 0.25 EU/ml (TAL Gel Clot Method)
Latex Statement	This 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	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), DEHP (di(2- ethylhexyl) phthalate)) 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 2021-07-08 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.
Storage Conditions	Store at room temperature.
Shelf Life	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.
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