

# Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Screw Cap Microtubes and Flat Caps
Country of Origin	Manufactured in USA
Date of Issue (yyyy-mm-dd)	2021-07-06

## Screw Cap Microtubes

VWR Catalogue Number	Format	Volume [mL]	Max. rcf [g]	Colour	Graduations	Sterility
76417-234	Conical	0.5	20000	Clear	No	Non-sterile
76417-236	Freestanding	0.5	20000	Clear	No	Non-sterile
76417-242	Conical	1.5	20000	Clear	Yes	Non-sterile
76417-244	Freestanding	1.5	20000	Clear	No	Non-sterile
76417-246	Conical	1.5	20000	Clear	No	Non-sterile
76417-250	Conical	2.0	20000	Clear	No	Non-sterile
76417-252	Freestanding	2.0	20000	Clear	No	Non-sterile
76417-256	Conical	2.0	20000	Clear	Yes	Non-sterile
76417-258	Freestanding	2.0	20000	Clear	Yes	Non-sterile
76417-232	Freestanding	0.5	20000	Clear	No	Non-sterile
76417-238	Conical	1.5	20000	Clear	No	Non-sterile
76417-240	Freestanding	1.5	20000	Clear	No	Non-sterile
76417-248	Conical	2.0	20000	Clear	No	Non-sterile
76417-254	Freestanding	2.0	20000	Clear	No	Non-sterile

## Screw cap Microtubes – Sterile Assemblies with Flat Caps

VWR Catalogue Number	Format	Volume [mL]	Max. rcf [g]	Cap Colour	Cap Type	Colour	Graduations	Sterility
76417-204	Freestanding	0.5	20000	Clear	Flat	Clear	No	Sterile
76417-206	Freestanding	0.5	20000	Clear	Flat	Clear	No	Sterile
76417-208	Conical	1.5	20000	Clear	Flat	Clear	Yes	Sterile

76417-210	Freestanding	1.5	20000	Clear	Flat	Clear	No	Sterile
76417-212	Conical	2.0	20000	Clear	Flat	Clear	Yes	Sterile
76417-214	Freestanding	2.0	20000	Clear	Flat	Clear	Yes	Sterile

#### Flat Caps

VWR Catalogue Number	Cap Colour	Sterility
76417-216	Clear	Non-sterile
76417-230	Opaque assortment	Non-sterile
76417-218	Opaque blue	Non-sterile
76417-220	Opaque green	Non-sterile
76417-222	Opaque orange	Non-sterile
76417-224	Opaque red	Non-sterile
76417-226	Opaque violet	Non-sterile
76417-228	Opaque yellow	Non-sterile

### Quality System Compliance

Products are manufactured under the [ISO 9001:2015](#) 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

<b>Material</b>	Polypropylene (PP) Compliance with FDA 21 CFR 177.1520 & USP Class VI standard.
<b>Sterilization</b>	Product labelled as sterile are EB (Electron beam) irradiated with a target of 25 kGy. The range of irradiation is verified to be between 24 and 26 kGy. The indicator on the packaging turns red when exposed to radiation > 10 kGy.
<b>ATP Assay</b>	Product is free from ATP Assay.
<b>DNase &amp; RNase Free</b>	This product is free of any detectable DNase/RNase contamination.

<b>BSE/TSE</b>	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).
<b>Cytotoxicity</b>	Testing is conducted to quality all material resins and meet the requirements of a USP Class VI standards and have been shown to be non-toxic.
<b>Non-Pyrogenic Statement</b>	The acceptance level for product is less than 0.06 EU/ml. (Limulus Amoebocyte Lysate (LAL) assay protocol and USP guidelines.
<b>Latex Statement</b>	The product is Latex free.
<b>BPA Statement</b>	Bisphenol are not used in the manufacture of the raw material and are not expected to be present.
<b>DEHP Statement</b>	Please see RoHS information below.
<b>RoHS</b>	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr <sup>6+</sup> ), 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.
<b>REACH Statement</b>	No substances as listed on >Substance of Very High Concern< candidate list published 01/19/2021 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.
<b>Storage Conditions</b>	Store at Normal room temperature.
<b>Shelf-Life</b>	Products labelled as sterile has shelf life period 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.