

# Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Disposable Microcentrifuge Tubes with Conical - Bottom, Non – Sterile
Country of Origin	Manufactured in USA
Date of Issue (yyyy-mm-dd)	2021-05-07

Catalogue Number	Volume [mL]	Colour
20170-084	2	Amber
20170-086	2	Yellow
20170-088	2	Orange
20170-090	2	Red
20170-092	2	Purple
20170-094	2	Blue
20170-096	2	Green
20170-098	2	Assorted
20170-170	2	Natural
89000-010	0.5	Natural
89000-012	0.5	Amber
89000-014	0.5	Yellow
89000-016	0.5	Orange
89000-018	0.5	Red
89000-020	0.5	Purple
89000-022	0.5	Blue
89000-024	0.5	Green
89000-026	0.5	Assorted
89000-028	1.5	Natural
89000-030	1.5	Amber
89000-032	1.5	Yellow

Catalogue Number	Volume [mL]	Colour
89000-034	1.5	Orange
89000-036	1.5	Red
89000-038	1.5	Purple
89000-040	1.5	Blue
89000-042	1.5	Green
89000-044	1.5	Assorted

## 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 20,00×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.

## Product Specifications

Material	Tube/Cap – Polypropylene; Compliance with USP Class VI
Sterilization	Not applicable
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).

<b>Cytotoxicity</b>	Testing is conducted to quality all material resins using ISO 10993 standards for cytotoxicity and have been shown to be non-toxic.
<b>Non-Pyrogenic Statement</b>	Products meet acceptance level 0.05 EU/mL (TAL Gel Clot Method).
<b>Latex Statement</b>	The products are 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>	Not applicable
<b>RoHS</b>	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr <sup>6+</sup> ), 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.
<b>REACH Statement</b>	Not applicable
<b>Storage Conditions</b>	Store at room temperature
<b>Shelf Life</b>	Not applicable

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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