

Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Disposable Serological Pipets, Polystyrene, Sterile, Plugged
Country of Origin	Manufactured in USA
Date of Issue (yyyy-mm-dd)	2021-07-05

VWR Catalogue Number	Capacity [mL]	Length [mm]	Colour code	Graduations [mL]	Negative graduations [mL]	Subdivisions [mL]	Diameter [mm]
76093-884	1	278	Yellow	0.01	-0.20	0.01	4.57
76097-922	1	278	Yellow	0.01	-0.20	0.01	4.57
76097-926	1	278	Yellow	0.01	-0.20	0.01	4.57
76093-882	2	279	Green	0.01	-0.20	0.01	6.48
76093-886	2	279	Green	0.01	-0.20	0.01	5.207
76097-924	2	279	Yellow	0.01	-0.20	0.01	5.207
89130-908	5	347	Blue	0.10	-2.5	0.1	8.01
89130-886	5	347	Blue	0.10	-2.5	0.1	8.01
89130-896	5	347	Blue	0.10	-2.5	0.1	8.01
89130-910	10	344	Orange	0.10	-3	0.1	9.52
89130-888	10	344	Orange	0.10	-3	0.1	9.52
89130-898	10	344	Orange	0.10	-3	0.1	9.52
89130-916	10	344	Orange	0.10	-3	0.1	9.52
89130-890	25	344	Red	0.20	-10	0.2	14.36
89130-900	25	344	Red	0.20	-10	0.20	14.36
89130-912	25	344	Red	0.20	-10	0.20	14.36
89130-914	50	370	Purple	0.50	-10	0.5	17.92
89130-902	50	370	Purple	0.50	-10	0.5	17.92

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.

Volumetric Accuracy: The product has been tested and is accurate within +/- 2% at stated full volume.

Test/Procedure	Results
Visual Attributes	Pass
Volumetric Accuracy	Pass
Packaging	Pass

Product Specifications

Material	Pipette Mouthpiece Plug Ink	Polystyrene, meets USP Cytotoxicity Test <87> Polyester, meets USP Cytotoxicity Test <87> Green/ black, meets USP Cytotoxicity Test<87>
Sterilization	Product is sterilized, and dose released upon ISO11137 recommended practices in effect at the time of validation. Products meets a minimum requirement of 10 ⁻³ SAL.	
ATP Assay	Not applicable.	
DNase & RNase Free	The product is tested by nuclease assay method and found to be free of detectable DNase/RNase contamination. The assay detection limit is 10 ⁻⁷ Kunitz units/uL for DNase and 10 ⁻⁹ Kunitz units/uL 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	Testing is conducted to quality all material resins as established in the Standards USP Class VI Chapter, "Biological reactivity Tests, in Vitro" and Chapter, "Biological Reactivity Tests, in vivo" and have been shown to be non-toxic.	

Non-Pyrogenic Statement	Product is tested and met the criteria established in the current version of ANSI/AAMI ST 72, "Bacterial Endotoxins - Test methodologies, routine monitoring, and alternatives to batch testing" and USP, "Bacterial Endotoxins Test". The acceptance level for product is ≤ 0.10 EU/ml or ≤ 4 EU/device.
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	Please see RoHS information below.
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 2021-06-04 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.
Storage Conditions	Store in controlled room temperature, which is a setpoint of 20°C – 25°C with excursions between 15°C and 30°C.
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.