1.	**Description / Specification**	
1.1	Description	Roller Bottle, long, radial ribbed surface, graduation (scale 100-1000 ml), physical surface treatment, sterile, for adherent cells *682670*, *-672*: standard screw cap *682678*: filter screw cap
1.2	Dimensions	See Customer Drawing
1.3	Volume	Max. volume: 4640 ml Recommended working volume: max. 850 ml Growth area: 4250 cm^2
1.4	Material / Resin	Bottle: PS (Polystyrene) Screw cap: HDPE (High Density Polyethylene) Filter: PTFE (Polytetrafluorethane); Pore size of filter membrane: 0.2 µm
1.5	Colour	Bottle: clear; print of graduation: black Standard and filter screw cap: blue Filter: white
1.6	Sterilisation	SAL 10^{-3}
1.7	Quality Control	- Raw Material-Control: physical testing - Product-Control: testing of attributive and variable characteristics in accordance with the valid specification
1.8	Intended Use	General laboratory product for adherent cell culture to be used by qualified personnel in a laboratory environment. For research use or for further processing. Not for diagnostic use or direct administration into humans.
1.9	Other Information	- For single use only - Expiry date and Lot-No. printed on label of bottle

2.	**Features**	
2.1	Basic features	Free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic. *682678*: controlled gas exchange through filter cap
2.2	Temperature range	For application: -20°C to +40 °C
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	N/A
2.5	Chemical Resistance	See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html
2.6	Shelf life	4 years
2.7	Other Information	Bottle and cap: USP Class VI tested

3.	**Packaging**	**682670, -678**	**682672**
3.1	Pieces / Bag	1	12
3.2	Pieces / Box	12	24
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)	
3.4	Other Information	Certificate of Quality to download	

4.	**Other Information**
4.1	-

Data Sheet subject to change without notice!

Prior Issue	**Drawn**	**Approved**	**Released**
Revision 02	Date 4 November 2026	Date 5 November 2026	Date 5 November 2026
Date 26.06.2024	Name S. Kaelberer	Name Dr. T. Schreiber	Name Dr. S. Mühlfriedel

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DISCLAIMER: The description of a certain product can only be considered as a guidance because its performance ultimately depends on what the product is used for. Very often performance studies are indispensable.