Valid for Item-No.:	**123261** (sterile)	**123263** (sterile)	**1232xx-2DG** (sterile)	**123277** (sterile)	**123278** (sterile)
	123279 (sterile)	**123280** (sterile)	**1232xx-2D3** (sterile)		

1.	**Description / Specification**	
1.1	Description	Cryo.s, 1 ml, with different coloured screw caps (caps have a silicone gasket), internal thread, conical bottom, starfoot base and additional cap inserts for labelling, sterile *123261*: without writing area *123263, -277, -278, -279, -280*: with writing area and graduation *1232xx-2DG*: with linear barcode 128, human readable ID, graduation and ECC200 Datamatrix-Code, symbol size 14x14, on tube bottom, code sequence 'G300000001', 'G300000002' etc., for screw cap colour see 1.5 *1232xx-2D3:* with linear barcode 128, human readable ID, graduation on tube side and ECC200 Datamatrix-Code, symbol size 14x14, on tube bottom, code sequence customized as specified in order form Cat.-No. F071005, for screw cap colour see 1.5 Additional inserts, Cat.-No. 304 134 (50 pieces per bag)
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: up to 1.0 ml
1.4	Material / Resin	Tube: PP (Polypropylene), free of heavy metal Screw cap: PP (Polypropylene), free of heavy metal Gasket: Silicone Small cap insert: PS (Polystyrene), free of heavy metal *123263-2DG*: Datamatrix disc: PP (Polypropylene)
1.5	Colour	Tube: natural, graduation: white Screw cap: *123261, -263, -263-2DG*: natural *123277*: green *123278*: yellow *123279*: blue *123280*: red *1232xx*-2D3, 1232xx-2DG: xx = colour code of screw cap with xx = 63 for natural screw cap, xx = 77 for green screw cap, xx = 78 for yellow screw cap, xx = 79 for blue screw cap, xx = 80 for red screw cap) Gasket: translucent Small cap insert: white *1232xx-2DG, 1232xx-2D3*: white Datamatrix on black disc
1.6	Sterilization	SAL 10^{-6}
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	For storage of tissue, cells, fungi, bacteria, spores, cellular extracts or body fluids at ultra-low temperature for research and development as well as diagnostic purposes. Tubes must not be stored in the liquid phase of liquid nitrogen, but only in the gas phase above. Tubes are not intended for any application in the context of reproductive medicine.
1.9	Other Information	For single use only

Data Sheet subject to change without notice!

Prior Issue	Drawn	Approved	Released
Revision 10	Date 2 February 2021	Date 3 February 2021	Date 25 February 2021
Date 12.05.2020	Name S. Kaelberer	Name Dr. S. Mühlfriedel	Name A. Illig

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2.	**Features**	
2.1	Basic features	Free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic
2.2.	Temperature range	For applications such as sample transportation, storage, thawing, processing and centrifugation: -196°C to +37°C
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	5800 x g: swinging-bucket rotor 26000 x g: fixed-angle rotor
2.5	Chemical Resistance	See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html
2.6	Shelf life	5 years
2.7	Other Information	To achieve tight tube closure (liquid barrier) tubes must be closed with torque of 20.5 Ncm

3.	**Packaging**	
3.1	Pieces / Bag	100
3.2	Pieces / Box	500
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)
3.4	Other Information	Additional in each box: Safety precaution 3 bags with 50 cap inserts per bag (150 pieces) Certificate of Quality to download

4.	**Other Information**
4.1	Laboratory use only

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