





PDS No. 1222xx, 1222xx-2DG, 1222xx-2D3	PRODUCT DATA SHEET				Page 1 of 2
Revision 14	Cryo.s, 2 ml, Round Bottom, Starfoot Base			UK CA  0197	 BIO-ONE
	Item-No. 1222xx, 1222xx-2DG, 1222xx-2D3				
Valid for Item-No.:	122261 (sterile)	122263 (sterile)	122272 (sterile)	122277 (sterile)	122278 (sterile)
	122279 (sterile)	122280 (sterile)	1222xx-2DG (sterile)	1222xx-2D3 (sterile)	

1.	Description / Specification	
1.1	Description	<p>Cryo.s, 2 ml, with different coloured screw caps (caps have a silicone gasket), internal thread, round bottom, starfoot base and additional cap inserts for labelling, sterile.</p> <p><i>122261, -289: without writing area</i></p> <p><i>122263, -272, -277, -278, -279, -280: with writing area and graduation</i></p> <p><i>122263, -277, -278, -279, -280-2DG: with linear barcode 128, human readable ID, graduation and ECC200 Datamatrix-Code, symbol size 14x14, on tube bottom, code sequence 'G200000001', 'G200000002' etc., for screw cap colour see 1.5</i></p> <p><i>122263, -277, -278, -279, -280-2D3: 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</i></p> <p>Additional inserts, Cat.-No. 304 134 (50 pieces per bag)</p>
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: up to 2.0 ml
1.4	Material / Resin	<p><u>Tube</u>: PP (Polypropylene), free of heavy metal</p> <p><u>Screw cap</u>: PP (Polypropylene), free of heavy metal</p> <p><u>Gasket</u>: Silicone</p> <p><u>Small cap insert</u>: PS (Polystyrene), free of heavy metal</p> <p><i>1222xx-2DG, 1222xx-2D3: Datamatrix disc: PP (Polypropylene)</i></p>
1.5	Colour	<p><u>Tube</u>: natural</p> <p>graduation: <i>122263, -272, -277, -278, -279, -280: white</i></p> <p><u>Screw cap</u>: <i>122261, -263: natural</i></p> <p><i>122272: orange</i></p> <p><i>122277: green</i></p> <p><i>122278: yellow</i></p> <p><i>122279: blue</i></p> <p><i>122280: red</i></p> <p><i>1222xx-2D3, 1222xx-2DG: xx = colour code of screw cap with</i> <i>xx = 63 for natural screw cap, xx = 77 for green screw cap,</i> <i>xx = 78 for yellow screw cap, xx = 79 for blue screw cap,</i> <i>xx = 80 for red screw cap)</i></p> <p><u>Gasket</u>: translucent</p> <p><u>Small caps insert</u>: white</p> <p><i>1222xx-2DG, 1222xx-2D3: white Datamatrix at the bottom and linear barcode on side</i></p>
1.6	Sterilization	SAL 10 ⁻⁶
1.7	Quality Control	<p><u>Raw Material-Control</u>: physical testing</p> <p><u>Product-Control</u>: testing of attributive and variable characteristics in accordance with the valid specification</p>
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

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Revision 13	Date 6 June 2024	Date 5 August 2024	Date 7 August 2024	
Date 14.09.2024	Name S. Kaelberer	Name Dr. S. Mühlfriedel	Name Dr. C.-K. Chai	

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.

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		application in the context of reproductive medicine. *Intended use for USA: Research use only
1.9	Other Information	For single use only

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	5.800 x g: swinging-bucket rotor 34.000 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	-

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