


PDS No. 1212xx, 1212xx-128	PRODUCT DATA SHEET				Page 1 of 2
Revision 10	Cryo.s, 2 ml, Round Bottom			CE	
	Item-No. 1212xx, 1212xx-128				
Valid for Item-No.:	121261 (sterile)	121263 (sterile)	121277 (sterile)	121278 (sterile)	121279 (sterile)
	121280 (sterile)	1212xx-128 (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 and additional cap inserts for labelling</p> <p>121261: without writing area 121263, -277, -278, -279, -280: with writing area and graduation 1212xx-128: with customized linear barcode 128, human readable ID, graduation</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 <u>Screw cap</u>: PP (Polypropylene), free of heavy metal <u>Gasket</u>: Silicone <u>Small cap insert</u>: PS (Polystyrene), free of heavy metal</p>
1.5	Colour	<p><u>Tube</u>: natural, writing area and graduation: white <u>Screw cap</u>: 121261, -263: natural 121277: green 121278: yellow 121279: blue 121280: red 1212xx-128: 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)</p> <p><u>Gasket</u>: translucent <u>Small cap insert</u>: white</p>
1.6	Sterilization	SAL 10 ⁻⁶
1.7	Quality Control	<p><u>Raw Material-Control</u>: physical testing <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 application in the context of reproductive medicine.
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	5800 x g: swinging-bucket rotor 34000 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

Data Sheet subject to change without notice!

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Revision 09	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	

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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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	<u>Additional in each box:</u> 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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