

|                               |                                            |                  |                      |                  |                                                                                                        |
|-------------------------------|--------------------------------------------|------------------|----------------------|------------------|--------------------------------------------------------------------------------------------------------|
| PDS No. 1222xx,<br>122263-2DG | PRODUCT DATA SHEET                         |                  |                      |                  | Page 1 of 2                                                                                            |
| Revision 07                   | Cryo.s™, 2 ml, Round Bottom, Starfoot Base |                  |                      | CE               | <br>greiner bio-one |
|                               | Item-No. 1222xx, 122263-2DG                |                  |                      |                  |                                                                                                        |
| Valid for Item-No.:           | 122261 (sterile)                           | 122263 (sterile) | 122263-2DG (sterile) | 122277 (sterile) | 122278 (sterile)                                                                                       |
|                               | 122279 (sterile)                           | 122280 (sterile) |                      |                  |                                                                                                        |

| 1.  | Description / Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1 | Description                 | <p>Cryo.s™ 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>122261: without writing area<br/> 122263, -277, -278, -279, -280: with writing area and graduation<br/> 122263-2DG: with writing area, graduation and ECC200 Datamatrix-Code (G2xxxxxxx), symbol size 14x14, on tube bottom</p> <p>Customised barcoding option (1222xx-2D1) available via order form (customised sequences), Cat.-No. F071005</p> <p>Additional inserts, Cat.-No. 304 171 (50 pieces per bag)</p> |
| 1.2 | Dimensions                  | See Customer Drawing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1.3 | Volume                      | Working volume: 1,8 – 2,0 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1.4 | Material / Resin            | <p>Tube: PP (Polypropylene), free of heavy metal<br/> Screw cap: PP (Polypropylene), free of heavy metal<br/> Gasket: Silicone<br/> Small cap insert: PS (Polystyrene), free of heavy metal</p> <p>122263-2DG: Datamatrix disc: PP (Polypropylene)</p>                                                                                                                                                                                                                                                                                                                                               |
| 1.5 | Colour                      | <p>Tube: natural, writing area and graduation: white<br/> Screw cap: 122261, -263, -263-2DG: natural<br/> 122277: green<br/> 122278: yellow<br/> 122279: blue<br/> 122280: red</p> <p>Gasket: translucent<br/> Small cap insert: white</p> <p>122263-2DG: white Datamatrix on black disc</p>                                                                                                                                                                                                                                                                                                         |
| 1.6 | Sterilization               | SAL 10 <sup>-6</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1.7 | Quality Control             | <p>Raw Material-Control: physical testing<br/> Product-Control: testing of attributive and variable characteristics in accordance with the valid specification</p>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1.8 | Other Information           | For single use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| 2.  | Features                 |                                                                                                                                                                    |
|-----|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.1 | Basic features           | Free of detectable DNase/RNase, human DNA and pyrogens.<br>Contents non-cytotoxic                                                                                  |
| 2.2 | Temperature range        | -196°C to +121°C                                                                                                                                                   |
| 2.3 | Autoclavability          | No                                                                                                                                                                 |
| 2.4 | Centrifugation, max. RCF | 5800 x g: swinging-bucket rotor<br>34000 x g: fixed-angle rotor                                                                                                    |
| 2.5 | Chemical Resistance      | See homepage:<br><a href="https://www.gbo.com/en_INT/know-how-services/download-center.html">https://www.gbo.com/en_INT/know-how-services/download-center.html</a> |
| 2.6 | Shelf life               | 5 years after month of production                                                                                                                                  |
| 2.7 | Other Information        | Recommended for storage in the freezer or above liquid nitrogen.<br>Must not be used in liquid phase of nitrogen!                                                  |

Data Sheet subject to change without notice!

| Prior Issue        | Drawn                 | Approved                   | Released              | <b>CONFIDENTIAL:</b> Information contained in this document or drawing is confidential and proprietary to Greiner Bio-One GmbH. This document may not be reproduced for any reason without written permission from Greiner Bio-One GmbH. All rights of design, invention, and copyright are reserved. |
|--------------------|-----------------------|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision 06        | Date<br>6 August 2018 | Date<br>6 August 2018      | Date<br>6 August 2018 |                                                                                                                                                                                                                                                                                                       |
| Date<br>20.04.2015 | Name<br>S. Kaelberer  | Name<br>Dr. S. Mühlfriedel | Name<br>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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|           |                   |                                                                                                                        |
|-----------|-------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>3.</b> | <b>Packaging</b>  |                                                                                                                        |
| 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: Certificate of Quality<br>Safety precaution<br>3 bags with 50 cap inserts per bag (150 pieces) |

|           |                          |
|-----------|--------------------------|
| <b>4.</b> | <b>Other Information</b> |
| 4.1       | Laboratory use only      |

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