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| PDS No.1332xx/ 1332xx-2D1 | PRODUCT DATA SHEET | | | Page 1 of 1 |
| Revision 01 | Capped Cryo.s™ Biobanking Tubes 1000 µl (Datamatrix Coded) | | |  greiner bio-one |
| | Greiner Item-No. 1332xx / 1332xx-2D1 | | | |
| Valid for Item-No.: | 133202 | 133263 (sterile) | 133202-2D1 | 133263-2D1 (sterile) |

| 1. | Description / Specification | |
|-----|-----------------------------|--|
| 1.1 | Description | Biobanking Tubes 1000 µl with screw caps (caps have a silicone gasket and internal thread), unique 2D codes on bottom, without writing area and graduation - 2D Code (G8xxxxxxxx) Pre-produced 2D codes are featured with a symbol size of 14x14 - Customised barcoding option (133202-2D1, 133263-2D1) available via order form (customised sequences, Cat.-No. F071003) Suitable racks: Cat.-No.: 978501, 978501-2D1 |
| 1.2 | Dimensions | See customer drawing |
| 1.3 | Volume | <u>Working volume:</u> 1.00 ml |
| 1.4 | Material / Resin | <u>Tube / cap:</u> PP (Polypropylene), medical grade and USP class VI certified <u>Gasket:</u> Silicone, medical grade |
| 1.5 | Colour | <u>Tube / cap:</u> natural <u>Gasket (cap):</u> blue |
| 1.6 | Sterilization | 133202, 133202-2D1: no 133263, 133263-2D1: SAL 10 ⁻⁶ |
| 1.7 | Quality Control | - <u>Raw Material-Control:</u> physical testing - <u>Product-Control:</u> testing of attributive and variable characteristics in accordance with the valid specification |
| 1.8 | 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 | -196°C to 121°C |
| 2.3 | Autoclavability | N/A |
| 2.4 | Centrifugation, max. RCF | N/A |
| 2.5 | Chemical Resistance | <u>Tube / material:</u> See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html <u>Tube / datamatrix:</u> resistant to → acetic acid (1 %), hydrochloric acid (25 %), sulphuric acid (4.9%), ethanol, methanol, isopropanol, DMSO |
| 2.6 | Shelf life | 133202, 133202-2D1: n/a 133263, 133263-2D1: 5 years after month of production |
| 2.7 | Other Information | Recommended for storage in the freezer or above liquid nitrogen. Must not be used in liquid phase of nitrogen! |

| 3. | Packaging | |
|-----|-------------------|--|
| 3.1 | Pieces / Bag | 192 |
| 3.2 | Pieces / Box | 960 |
| 3.3 | Lot-No. | E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.) |
| 3.4 | Other Information | Certificate of Quality |

| 4. | Other Information |
|----|-------------------|
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Data Sheet subject to change without notice!

| Prior Issue | Drawn | Approved | Released | CONFIDENTIAL: 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 | Date | Date | Date | |
| - | 10 October 2014 | 20 October 2014 | 23 October 2014 | |
| Date | Name | Name | Name | |
| - | S. Kaelberer | Dr. S. Mühlfriedel | A. Schulz | |

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.