



|                              |   |                   |   |
|------------------------------|---|-------------------|---|
| PDS No.9785xx/<br>9785xx-2D1 | <b>PRODUCT DATA SHEET</b>   |                   | Page 1 of 2   |
| Revision 03                  | <b>Rack with 96 Cryo.s™ Biobanking Tubes<br/>1000 µl (Datamatrix Coded)</b> |                   |  |
|                              | Greiner Item-No. 9785xx / 9785xx-2D1  |                   |   |
| Valid for Item-No.:          | <b>978561 (sterile)</b>   | <b>978570</b>     | <b>978580</b>   |
|                              | <b>978561-2D1 (sterile)</b>   | <b>978570-2D1</b> | <b>978580-2D1</b>   |

| 1.  | Description / Specification |  |
|-----|-----------------------------|--|
| 1.1 | Description                 | <p><u>Rack with 1000 µl Cryo.s™ Biobanking Tubes</u>, stackable, with a footprint that corresponds to the microplate standard of the American National Standards Institute (ANSI-Standard), capacity for 96 Cryo.s™ Biobanking Tubes 1000 µl, rack bottom with scanning windows for the Datamatrix, rotation stoppers, snap-in lid.</p> <p><u>Biobanking Tubes 1000 µl</u> with screw caps (caps have a silicone gasket and internal thread), unique 2D codes on bottom, without writing area and graduation</p> <p><u>Manual decapping tool</u> for manual decapping, capping and contamination-free storage of screw-cap, contained in each box</p> <ul style="list-style-type: none"> <li>- 2D Code on tube (G8xxxxxxxx)</li> <li>- 2D Code and linear barcode 128 on rack (G9xxxxxxxx)</li> </ul> <p>All pre-produced 2D codes on tubes and racks are featured with a symbol size of 14x14</p> <ul style="list-style-type: none"> <li>- customised barcoding option (9785xx-2D1) available via order form (customised sequences, Cat.-No. F071003)</li> </ul> <p>978561: rack with 96 capped 1000 µl Cryo.s™, sterile<br/> 978570: rack with 96 uncapped 1000 µl Cryo.s™, non-sterile<br/> 978580: rack with 96 capped 1000 µl Cryo.s™, non-sterile<br/> 978561-2D1: rack with 96 capped 1000 µl Cryo.s™, sterile, customised coding<br/> 978570-2D1: rack with 96 uncapped 1000 µl Cryo.s™, non-sterile, customised coding<br/> 978580-2D1: rack with 96 capped 1000 µl Cryo.s™, non-sterile, customised coding</p> |
| 1.2 | Dimensions                  | See customer drawing   |
| 1.3 | Volume                      | <u>Tube / working volume</u> : 975 µl  |
| 1.4 | Material / Resin            | <u>Tube / cap</u> : PP (Polypropylene), medical grade and USP class VI certified<br><u>Rack / lid</u> : PC (Polycarbonate),<br><u>Gasket</u> : Silicone, medical grade<br><u>Manual capping tool</u> : PS (Polystyrene)  |
| 1.5 | Colour                      | <u>Tube / cap</u> : natural<br><u>Gasket (cap)</u> : blue<br><u>Rack</u> : black<br><u>Lid</u> : transparent<br><u>Manual capping tool</u> : blue  |
| 1.6 | Sterilization               | 978561, -561-2D1: SAL 10 <sup>-6</sup><br>978570, -570-2D1, -580, -580-2D1: no   |
| 1.7 | Quality Control             | - <u>Raw Material-Control (tubes)</u> : physical testing<br>- <u>Product-Control</u> : testing of attributive and variable characteristics in accordance with the valid specification  |
| 1.8 | Other Information           | Cryo.s™ with datamatrix and accessory storage racks are optimised for automated laboratory equipment such as decappers, liquid handling systems and automated storage systems. Greiner Bio-One recommends closing 96 way Cryo.s™ with the automated decapper from Hamilton Bonaduz AG or an equivalent device at 7 Ncm. For manual contamination-free application and removal of screw caps and for manual picking of individual tubes from rack, a manual tool is available.<br>A list of compatible automated equipment may be requested from GBO.<br><br>For single use only  |

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|--------------------|----------------------|----------------------------|--------------------|--|
| Revision 02        | Date<br>4 May 2015   | Date<br>4 May 2015         | Date<br>4 May 2015 |  |
| Date<br>18.11.2014 | Name<br>S. Kaelberer | Name<br>Dr. S. Mühlfriedel | Name<br>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.

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| PDS No.9785xx/<br>9785xx-2D1 | <b>PRODUCT DATA SHEET</b>   |                   |                   | Page 2 of 2   |
| Revision 03                  | Rack with 96 Cryo.s™ Biobanking Tubes<br>1000 µl (Datamatrix Coded) |                   |                   |  |
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| Valid for Item-No.:          | <b>978561</b> (sterile)   | <b>978570</b>     | <b>978580</b>     |   |
|                              | <b>978561-2D1</b> (sterile)   | <b>978570-2D1</b> | <b>978580-2D1</b> |   |

| 2.  | Features                 |  |
|-----|--------------------------|--|
| 2.1 | Basic features           | <u> Tubes </u> : 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          | N/A  |
| 2.4 | Centrifugation, max. RCF | N/A  |
| 2.5 | Chemical Resistance      | <u> Tube / material </u> : 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><br><u> Tube / datamatrix </u> : resistant to → acetic acid (1 %), hydrochloric acid (25 %), sulphuric acid (4.9%), ethanol, methanol, isopropanol, DMSO<br><u> Rack / lid </u> : resistant to → acetic acid (1 %), methanol, ethanol (96%), isopropanol, sulphuric acid (4.9%), DMSO |
| 2.6 | Shelf life               | <i>978561, -561-2D1</i> : 5 years after month of production<br><i>978570, -570-2D1, -580, -580-2D1</i> : n/a   |
| 2.7 | Other Information        | Recommended for storage in the freezer or above liquid nitrogen.<br>Must not be used in liquid phase of nitrogen!  |

| 3.  | Packaging         |  |
|-----|-------------------|--|
| 3.1 | Pieces / Rack     | 96   |
| 3.2 | Pieces / Box      | 960 tubes, 10 racks, 1 manual capping tool                             |
| 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                       |
|-----|---|
| 4.1 | Research use only. Not for diagnostics. |

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