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| PDS No.976570, 97658x, -580-2D1 | PRODUCT DATA SHEET | | | Page 1 of 2 |
| Revision 07 | Rack with 96 Cryo.s Biobanking Tubes 300 µl (Datamatrix Coded), Non-Sterile | | UK CA CE |  |
| | Greiner Item-No. 976570 / 97658x, -580-2D1 | | | |
| Valid for Item-No.: | 976570 | 97658x | 976580-2D1 | |

| 1. | Description / Specification | |
|-----|-----------------------------|---|
| 1.1 | Description | <p><u>Rack with 300 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 300 µl, rack bottom with scanning windows for the Datamatrix, rotation stoppers, snap-in lid.</p> <p><u>Biobanking Tubes 300 µl</u> with screw caps (caps have a silicone gasket and internal thread, different colours available), 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> <p>- 2D Code on tube (G8xxxxxxx) - 2D Code and linear barcode 128 on rack (G9xxxxxxx)</p> <p>All pre-produced 2D codes on tubes and racks are featured with a symbol size of 14x14</p> <p>976570: rack with 96 uncapped 300 µl Cryo.s, non-sterile 976580, -583, -584, -585, -586, -587, -588, -589: rack with 96 capped 300 µl Cryo.s, non-sterile 976580-2D1: customised barcoding option available via order form (customised sequences, Cat. - No. F071003)</p> |
| 1.2 | Dimensions | See Customer Drawing |
| 1.3 | Volume | <u>Tube / working volume</u> : 235 µl |
| 1.4 | Material / Resin | <p><u>Tube / cap</u>: PP (Polypropylene), medical grade and USP class VI certified</p> <p><u>Rack / lid</u>: PC (Polycarbonate)</p> <p><u>Gasket</u>: Silicone, medical grade</p> <p><u>Manual capping tool</u>: PS (Polystyrene)</p> |
| 1.5 | Colour | <p><u>Tube</u>: natural</p> <p><u>Cap</u>: 976580: natural 976583: red 976584: blue 976585: yellow 976586: green 976587: black 976588: pink 976589: brown</p> <p><u>Gasket (cap)</u>: blue</p> <p><u>Rack</u>: black</p> <p><u>Lid</u>: transparent</p> <p><u>Manual capping tool</u>: blue</p> |
| 1.6 | Sterilization | No |
| 1.7 | Quality Control | <p>- <u>Raw Material-Control (tubes)</u>: physical testing</p> <p>- <u>Product-Control</u>: testing of attributive and variable characteristics in accordance with the valid specification</p> |

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|--------------------|-----------------------|----------------------------|---------------------------|---|
| Revision 06 | Date 31 March 2023 | Date 11 July 2023 | Date 13 September 2023 | |
| Date 25.02.2021 | Name S. Kaelberer | Name Dr. S. Mühlfriedel | Name Dr. Chen-Ket 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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| Valid for Item-No.: | 976570 | 97658x | 976580-2D1 | |

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|-----|-------------------|---|
| 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 | 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. A list of compatible automated equipment may be requested from GBO. For single use only |

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| 2. | Features | |
| 2.1 | Basic features | <u>Tubes</u> : free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic |
| 2.2 | Temperature range | For application: -196°C to 37°C |
| 2.3 | Autoclavability | N/A |
| 2.4 | Centrifugation, max. RCF | 3.000 x g: swinging-bucket rotor (with slip-resistant mat) |
| 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 <u>Rack / lid</u> : resistant to → acetic acid (1 %), methanol, ethanol (96%), isopropanol, sulphuric acid (4.9%), DMSO |
| 2.6 | Shelf life | 5 years |
| 2.7 | Other Information | - |

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| 3. | Packaging | 976570, 976580, -580-2D1 | 976583, -584, -585, -586, -587, -588, -589 |
| 3.1 | Pieces / Rack | 96 | 96 |
| 3.2 | Pieces / Box | 960 tubes, 10 racks, 1 manual capping tool | 480 tubes, 5 racks, 1 manual capping tool |
| 3.3 | Lot-No. | E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.) | E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.) |
| 3.4 | Other Information | Certificate of Quality to download | Certificate of Quality to download |

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|-----------|--------------------------|
| 4. | Other Information |
| 4.1 | For Laboratory Use Only |

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