


|                     |                              |                         |               |   |
|---------------------|------------------------------|-------------------------|---------------|---|
| PDS No. 1641xx      | <b>PRODUCT DATA SHEET</b>    |                         |               | Page 1 of 1   |
| Revision 03         | Tube, 12 ml, PS, Bayonet Cap |                         |               | <br><b>greiner bio-one</b> |
|                     | Item-No. 1641xx              |                         |               |   |
| Valid for Item-No.: | <b>164160</b> (sterile)      | <b>164161</b> (sterile) | <b>164180</b> |   |

| 1.  | Description / Specification |  |
|-----|-----------------------------|--|
| 1.1 | Description                 | PS tube, conical bottom with supporting skirt, bayonet cap (external thread)<br>164160: CELLSTAR <sup>®</sup> , physical surface treatment, sterile<br>164161: standard, sterile<br>164180: standard |
| 1.2 | Dimensions                  | 16,8 x 100 mm  |
| 1.3 | Volume                      | Total volume: 12 ml  |
| 1.4 | Material / Resin            | <u>Tube</u> : PS (Polystyrene), free of heavy metal<br><u>Cap</u> : LDPE (Low Density Polyethylene), free of heavy metal   |
| 1.5 | Colour                      | <u>Tube</u> : clear<br><u>Cap</u> : 164160: red<br>164161: blue<br>164180: white   |
| 1.6 | Sterilization               | 164160, -161: SAL 10 <sup>-3</sup><br>164180: no   |
| 1.7 | Quality Control             | - <u>Raw Material-Control</u> : physical testing<br>- <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           | 164160: free of detectable DNase/RNase, human DNA and pyrogens.<br>Contents non-cytotoxic<br>164161, -180: -   |
| 2.2 | Temperature range        | -20°C to +60°C   |
| 2.3 | Autoclavability          | No   |
| 2.4 | Centrifugation, max. RCF | 5000 x g: swinging-bucket rotor<br>5000 x g: fixed-angle rotor   |
| 2.5 | Chemical Resistance      | See homepage: <a href="http://www.gbo.com/bioscience">www.gbo.com/bioscience</a> →Products →Literature<br>→Technical Information→Chemical Resistance of Resins |
| 2.6 | Shelf life               | 164160: 4 years after month of production<br>164161: 5 years after month of production<br>164180: n/a  |
| 2.7 | Other Information        | -  |

| 3.  | Packaging / Labelling | 164160  | 164161  | 164180  |
|-----|-----------------------|---|---|---|
| 3.1 | Pieces / Bag          | 5   | 25  | 1300  |
| 3.2 | Pieces / Box          | 1000  | 1000  | 1300  |
| 3.3 | Lot-No.               | E YY MM XXX<br>(manufacturing facility,<br>year, month,<br>consecutive SAP-No.) | E YY MM XXX<br>(manufacturing facility,<br>year, month,<br>consecutive SAP-No.) | E YY MM XXX<br>(manufacturing facility,<br>year, month,<br>consecutive SAP-No.) |
| 3.4 | Other Information     | Certificate of Quality  | Certificate of Quality  | -   |

| 4. | Other Information |
|----|-------------------|
|    | -                 |

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 02        | Date<br>10 December 2009 | Date<br>11 December 2009 | Date<br>11 December 2009 |  |
| Date<br>25.10.2005 | Name<br>S. Kälberer      | Name<br>A. Fuhrmann      | Name<br>A. Schulz        |  |