


PDS No. 1641xx	PRODUCT DATA SHEET			Page 1 of 1
Revision 07	Tube, 12 ml, PS, Bayonet Cap			 greiner bio-one
	Item-No. 1641xx			
Valid for Item-No.:	164160 (sterile)	164161 (sterile)	164180	

1.	Description / Specification	
1.1	Description	PS tube, 12 ml, conical bottom with supporting skirt, bayonet cap (external thread) 164160: CELLSTAR [®] , physical surface treatment, sterile 164161: standard, sterile 164180: standard
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: 12 ml
1.4	Material / Resin	Tube: PS (Polystyrene), free of heavy metal Cap: HDPE (High Density Polyethylene), free of heavy metal
1.5	Colour	Tube: clear Cap: 164160: red 164161: blue 164180: white
1.6	Sterilization	164160, -161: SAL 10 ⁻³ 164180: no
1.7	Quality Control	- Raw Material-Control: physical testing - Product-Control: 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. Contents non-cytotoxic 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 5000 x g: fixed-angle rotor
2.5	Chemical Resistance	See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html
2.6	Shelf life	164160: 4 years after month of production 164161: 5 years after month of production 164180: n/a
2.7	Other Information	-

3.	Packaging	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 (manufacturing facility, year, month, consecutive SAP-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	Certificate of Quality	-

4.	Other Information
4.1	164160: research use only. Not for diagnostics.

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 06	Date 17 April 2015	Date 20 April 2015	Date 20 April 2015	
Date 22.10.2014	Name S. Kaelberer	Name Dr. T. Schreiber	Name 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.