


PDS No. 1911xx	PRODUCT DATA SHEET				Page 1 of 1
Revision 03	Tube, 14 ml, PS, Two-Position Vent Stopper				 greiner bio-one
	Item-No. 1911xx				
Valid for Item-No.:	191160 (sterile)	191161 (sterile)	191170 (sterile)	191180 (sterile)	

1.	Description / Specification	
1.1	Description	PS tube with two-position vent stopper, round bottom, sterile <i>191160, -170: physical surface treatment</i> <i>191161, -180: standard</i>
1.2	Dimensions	<u>Tube</u> : 18,0 x 95,0 mm <u>Tube with vent stopper</u> : 22,2 x 95,6 mm
1.3	Volume	Total volume: 14 ml Working volume: 12 ml
1.4	Material / Resin	<u>Tube</u> : PS (Polystyrene), free of heavy metal <u>Vent stopper</u> : LDPE (Low Density Polyethylene), free of heavy metal
1.5	Colour	<u>Tube</u> : clear <u>Vent stopper</u> : translucent
1.6	Sterilization	SAL 10 ⁻³
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	<i>191161, -180: Free of detectable DNase/RNase, human DNA and pyrogens.</i> <i>191160, -170: free of detectable DNase/RNase, human DNA and pyrogens.</i> Contents non-cytotoxic
2.2.	Temperature range	<u>Tube</u> : -20°C to +60°C <u>Vent stopper</u> : -50°C to +80°C
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	4000 x g: swinging-bucket rotor 5500 x g: fixed-angle rotor
2.5	Chemical Resistance	See homepage: www.gbo.com/bioscience →Products →Literature →Technical Information→Chemical Resistance of Resins
2.6	Shelf life	<i>191160, -170: 4 years after month of production</i> <i>191161, -180: 5 years after month of production</i>
2.7	Other Information	-

3.	Packaging	191160, -161	191170	191180
3.1	Pieces / Bag	1	100	25
3.2	Pieces / Box	750	1200	1000
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	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 10 December 2009	Date 11 December 2009	Date 11 December 2009	
Date 01.12.2005	Name S. Kaelberer	Name A. Fuhrmann	Name A. Schulz	