


PDS No. 1911xx	<b>PRODUCT DATA SHEET</b>				Page 1 of 1
Revision 05	Tube, 14 ml, PS, Two-Position Vent Stopper				 <b>greiner bio-one</b>
	Item-No. 1911xx				
Valid for Item-No.:	<b>191160</b> (sterile)	<b>191161</b> (sterile)	<b>191170</b> (sterile)	<b>191180</b> (sterile)	

1.	Description / Specification	
1.1	Description	PS tube, 14 ml, with two-position vent stopper, round bottom, sterile <i>191160, -170: physical surface treatment</i> <i>191161, -180: standard</i>
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: 12.5 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 <sup>-3</sup>
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: <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>
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
4.1	<i>191160, -170: research use only. Not for diagnostics.</i>

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 04	Date 17 April 2015	Date 20 April 2015	Date 20 April 2015	
Date 01.08.2014	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.