


PDS No. 1201xx	<b>PRODUCT DATA SHEET</b>				Page 1 of 1
Revision 06	Tube, 4.5 ml, PS, Two-Position Vent Stopper				 <b>greiner bio-one</b>
	Item-No. 1201xx				
Valid for Item-No.:	<b>120160</b> (sterile)	<b>120161</b> (sterile)	<b>120180</b> (sterile)	<b>120190</b> (sterile)	

1.	Description / Specification	
1.1	Description	PS tube, 4.5 ml, with two-position vent stopper, round bottom, sterile <i>120160, -190</i> : physical surface treatment <i>120161, -180</i> : standard
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: 4 ml
1.4	Material / Resin	Tube: PS (Polystyrene), free of heavy metal Vent stopper: HDPE (High Density Polyethylene), free of heavy metal
1.5	Colour	Tube: clear Vent stopper: translucent
1.6	Sterilization	SAL 10 <sup>-3</sup>
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	<i>120161, -180</i> : free of detectable DNase/RNase, human DNA and pyrogens. <i>120160, -190</i> : free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic
2.2	Temperature range	Tube: -20°C to +60°C Vent stopper: -50°C to +100°C
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	4800 x g: swinging-bucket rotor 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 →Technical Information→Chemical Resistance of Resins
2.6	Shelf life	<i>120160, -190</i> : 4 years after month of production <i>120161, -180</i> : 5 years after month of production
2.7	Other Information	-

3.	Packaging	120160, -161	120180, -190
3.1	Pieces / Bag	1	25
3.2	Pieces / Box	1000	2000
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	Certificate of Quality

4.	Other Information
4.1	<i>120160, -190</i> : research use only. Not for diagnostics.

Data Sheet subject to change without notice!

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Revision 05	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.