


PDS No. 1882xx/ 188271-TRI	PRODUCT DATA SHEET				Page 1 of 1
Revision 13	Tube, 15 ml, PP, Screw Cap				 greiner bio-one
	Greiner Item-No. 1882xx /188271-TRI				
Valid for Item-No.:	188261 (sterile)	188262 (sterile)	188271 (sterile)	188272 (sterile)	188280 (sterile)
	188281 (sterile)	188283 (sterile)	188285 (sterile)	188271-TRI (sterile)	

1.	Description / Specification	
1.1	Description	PP tube, 15 ml, with screw cap, conical bottom, graduation and writing area, sterile 188271-TRI: triple packed
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: 14 ml
1.4	Material / Resin	Tube: PP (Polypropylene), free of heavy metal Cap: HDPE (High Density Polyethylene), free of heavy metal
1.5	Colour	Tube: 188261, -262, -271, -272, -271-TRI, -281, -285: natural ; print: graduation blue, writing area white 188280, -283: brown ; print: graduation blue, writing area white Cap: 188261, -262, -271, -272, -271-TRI, -280, -283: blue 188281, -285: white
1.6	Sterilization	188261, -271, -280, -281, -283, -285: SAL10 ⁻³ 188262, -272, -271-TRI: SAL10 ⁻⁶
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	Free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic
2.2	Temperature range	Tube: -196°C to +121°C Cap: -80°C to +100°C
2.3	Autoclavability	Yes (without cap)
2.4	Centrifugation, max. RCF	4000 x g: swinging-bucket rotor 15000 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	5 years after month of production
2.7	Other Information	-

3.	Packaging	188261, -262, -281, -283	188271, -272, -280	188285	188271-TRI
3.1	Pieces / bag or rack	50 in rack / bag	100 / bag	100 / bag	5 / bag (triple packed)
3.2	Pieces / box	500 pieces (10 racks)	1000	700	500
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)			
3.4	Other Information	Certificate of Quality			

4.	Other Information
4.1	-

Data Sheet subject to change without notice!

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Revision 12	Date 22 October 2018	Date 23 October 2018	Date 23 October 2018	
Date 22.08.2017	Name S. Kaelberer	Name Dr. T. Schreiber	Name A. Illig	

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.