


PDS No. 7819x6/ 781944/ 781948	<b>PRODUCT DATA SHEET</b>				Page 1 of 1
Revision 04	<b>384 Well Cell Culture Microplate CELLCOAT<sup>®</sup>, PS, <math>\mu</math>Clear<sup>®</sup></b>				 greiner bio-one
	Greiner Item-No. 7819x6 / 781944 / 781956				
Valid for Item-No.:	<b>781936</b>	<b>781944</b>	<b>781946</b>	<b>781948</b>	<b>781956</b>

1.	Description / Specification	
1.1	Description	PS Microplate, 384 well, $\mu$ Clear <sup>®</sup> , F-bottom (flat), rounded square well design, alphanumeric well coding, single position lid (low profile) 781936: Poly-L-Lysine protein coating 781944, -946, -948: Poly-D-Lysine protein coating 781956: Collagen Type I protein coating
1.2	Dimensions	See customer drawing Foil: 190 $\mu$ m $\pm$ 10 %
1.3	Volume per well	Total volume: 131 $\mu$ l (mathematically calculated) Working volume: 15 -110 $\mu$ l Growth area: 10 mm <sup>2</sup>
1.4	Material / Resin	<u>Plate</u> : 781936: PS (Polystyrene) coated with Poly-L-Lysine 781944, -946, -948: PS (Polystyrene) coated with Poly-D-Lysine 781956: PS (Polystyrene) coated with Collagen Type I <u>Lid / foil</u> : PS (Polystyrene) The materials for manufacturing are free of heavy metals
1.5	Colour	781936, -946, -948, -956: plate black, bottom clear 781944: plate white, bottom clear 781936, -944, -946, -948, -956: <u>Lid</u> : clear
1.6	Sterilization	No (aseptic)
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	-
2.2	Temperature range	Room temperature
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	4800 x g: swinging-bucket 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> (Only concerning the standard plate without coating)
2.6	Shelf life	781936, -944, -946, -948: 18 months after month of production 781956: 24 months after month of production
2.7	Other Information	-

3.	Packaging	781936, -944, -946, -956	781948
3.1	Pieces / Bag	5	20
3.2	Pieces / Box	20	120
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	-	-

4.	Other Information
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Data Sheet subject to change without notice!

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Revision 03	Date 2 December 2014	Date 3 December 2014	Date 3 December 2014	
Date 10.05.2012	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.