1.	**Description / Specification**	
1.1	Description	ThinCert® 96 Well HTS Insert, PC Membrane Plate, physical surface treatment, permeable membrane with PS Receiver Plate, F-bottom, high profile lid with condensation rings, single packed, sterile. *655642, -643*: additional Feeder Plate (with media stabilizer) *655644*: additional Feeder Plate (w/o media stabilizer) *Membrane*: *655640, -641, -042, -043, -044*: pore diameter: 0.4 µm *655630*: pore diameter: 3 µm *655680*: pore diameter: 8 µm *655630*: pore density 2 x 10^6 cm^2 *655640, -042, -044*: pore density 1 x 10^8 cm^2 *655641, -043*: pore density 2 x 10^7 cm^2 *655680*: pore density 1 x 10^5 cm^2
1.2	Dimensions	Plates / lid: see Customer Drawing
1.3	Volume per well	Membrane plate: working volume: 15-160 µl growth area: 14 mm^2 Receiver plate: working volume: 120-300 µl
1.4	Material / Resin	Membrane plate: plate / membrane: PC (Polycarbonate), free of heavy metal Receiver plate: PS (Polystyrene), free of heavy metal Lid: PS (Polystyrene), free of heavy metal
1.5	Colour	Membrane plate: transparent Optical features of membrane: *655640, -642, -644*: translucent *655641, -643*: optimised transparency *655630, -680*: transparent Receiver Plate / lid: clear
1.6	Sterilization	SAL 10^{-3}
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	Intended Use	General laboratory product for cell culture to be used by qualified personnel in a laboratory environment.
1.9	Other Information	- For single use only - Reduced wicking effect

2.	**Features**	
2.1	Basic features	All Item-No.: free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic
2.2	Temperature range	For application: + 4°C to +37°C
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	N/A
2.5	Chemical Resistance	See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html
2.6	Shelf life	2 years
2.7	Other Information	-

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Data Sheet subject to change without notice!

Prior Issue	Drawn	Approved	Released	
Revision 01	Date 19 November 2025	Date 20 November 2025	Date 24 November 2025	**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.
Date 20.11.2023	Name S. Kaelberer	Name P. Wachter	Name A. Mackowski	

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.

3.	**Packaging**	**655642, -643, -644**	**655630, -640, -641, -680**
3.1	Pieces / Bag	1 (single packed)	1 (single packed)
3.2	Pieces / Box	3	5
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)	
3.4	Other Information	Certificate of Quality to download	

4.	**Other Information**
	-

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