PDS No. 22728x/ 227290	**PRODUCT DATA SHEET**	Page 1 of 1
Revision 15	Leucosep , 50 ml Greiner Item-No. 22728x / 227290	greiner BIO-ONE

Valid for Item-No.:	**227288** (aseptic)	**227289**	**227290** (sterile)		

1.	**Description / Specification**	
1.1	Description	PP Tube, with porous barrier and screw cap, conical bottom and graduation *227288:* pre-filled with separation medium for PBMC isolation, aseptic *227289:* non-filled, non-sterile *227290*: non-filled, sterile
1.2	Dimensions	See Customer Drawing
1.3	Volume	Working volume: 50 ml Sample volume: 15 – 30 ml
1.4	Material / Resin	Tube: PP (Polypropylene), free of heavy metal Porous barrier: HDPE (High Density Polyethylene), free of heavy metal Screw cap: HDPE (High Density Polyethylene), free of heavy metal
1.5	Colour	Tube: translucent; print of graduation: blue Porous barrier: white Screw cap: blue
1.6	Sterilization	*227288*: no (aseptic) *227289*: no *227290*: 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 the separation of leucocytes and peripheral blood mononuclear cells to be used by qualified personnel in a laboratory environment.
1.9	Other Information	- For single use only - Protect from direct light - Instruction manual: see package, catalogue or homepage: https://www.gbo.com/fileadmin/media/GBO-International/01_Downloads_BioScience/TECHNICAL_Instructions_for_Use/F071043_Leucosep_Manual_Rev02.pdf

2.	**Features**	
2.1	Basic features	Free of detectable pyrogens. Contents non-cytotoxic
2.2	Temperature range	+4°C to +25° (storage temperature) +18°C to +25° (working temperature)
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	See instruction manual
2.5	Chemical Resistance	See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html
2.6	Shelf life	*227288*: depending on the indication of the Leucosep separation medium – manufacturer, maximum 2 years *227289*: n/a *227290*: 5 years
2.7	Other Information	Leucosep separation medium: - contains < 0,12 EU/ml (1EU = 0,1 ng, Ec5) Endotoxins - has a density of 1,077 g/ml

3.	**Packaging**	**227288**	**227289, -290**
3.1	Pieces / Bag	25	25
3.2	Pieces / Box	250	300
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)	
3.4	Other Information	Instruction manual / bag	

4.	**Other Information**
	Research use only. Not for diagnostics.

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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 14	Date 21 June 2024	Date 24 June 2024	Date 24 June 2024	
Date 28.04.2022	Name S. Kaelberer	Name Dr. T. Schreiber	Name Dr. C.-K. Chai	

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.