	Technical Data Sheet				
Use in	<ul> <li>Pharmaceutical Industry in clean rooms and isolators</li> <li>For industrial, laboratory &amp; research applications only</li> </ul>				
Use for	<ul> <li>Isolation and growth of yeasts and molds</li> <li>Contact sampling, personnel monitoring, as well as active air monitoring</li> <li>Inhibits the growth of most bacteria</li> <li>The medium should be applied with a uniform and steady pressure to the surface for a few seconds. After sampling the surface must be cleaned to remove residues of the medium.</li> </ul>				
Typical composition per liter	Casein peptone5gLecithin (L)0,7gMeat peptone5gPolysorbate 80 (T)5,0gGlucose-D(+)*H2O44g*Histidine (H)0,5gAgar15gThiosulfate (T)0,1gThis medium can be adjusted / or supplemented according to the performance criteria required.*Glucose-D(+)+H2O = Glucose monohydrate *44g Glucose monohydrate = 40g Glucose = 40g Dextrose				
Irradiation	Gamma-irradiated at 9-20 kGy				
Filling volume	• 16-19ml				
Packaging	<ul> <li>Triple bagged, staples of 10 plates</li> <li>Transparent</li> <li>High barrier foil for H<sub>2</sub>O<sub>2</sub> as well as for water-vapor</li> <li>10 staples of 10 plates per packaging unit</li> <li>Temperature isolated handle-bag in the cardboard-boxes</li> </ul>				
Units per pack	100 plates				
Shelf life	9 months from production date				
Storage	<ul> <li>Recommended storage temperature: 15-25°C</li> <li>Can be stored at temperatures outside of the recommended storage temperature for periods up to 72 hours (e.g., down to 4°C or up to 35°C) without having an impact on growth promotion properties</li> <li>Should be stored at temperatures as stable as possible</li> </ul>				
Label	On the side, at the bottom				
Label information	<ul> <li>Product name: SDA + LTHT</li> <li>Expiry date: YYYYMMMDD → MMM in letters (e.g.: 2023Nov04)</li> <li>Lot-number</li> <li>Individual number</li> <li>Barcode</li> </ul>				

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	Technical Data Sheet				
Barcode	<ul> <li>2-dimensional (data matrix), 20 digits:</li> <li>Digits 1-3: ArtNo.</li> <li>Digits 4-9: Lot-Number</li> <li>Digits 10-14: Individual-Number</li> <li>Digits 15-20: Date (YYMMDD)</li> </ul>				
Delivery	<ul> <li>Temperature controlled delivery on request</li> <li>For shipments of larger amounts plastic pallets in Euro-size are used</li> </ul>				
Petri dish (Pink Plates)	<ul> <li>Incubations in vent and closed position possible</li> <li>Specific design to improve binding of agar to plate</li> <li>Easy handling due to increased handling area</li> <li>SDA plates are produced in pink dishes for better differentiation from TSA plates</li> </ul>				
Locking lid	<ul> <li>Locking-lid plate, made from polystyrene</li> <li>Inner diameter: 56.5 mm, thus providing an area of 25cm<sup>2</sup></li> <li>Outer diameter: 67.5 mm</li> <li>Bottom part with 1cm<sup>2</sup> square grid for facilitated evaluation</li> </ul>				
Lid positions	<ul> <li>All plates are delivered in the non-locked position</li> <li>The plate contains 2 locked positions. If turning the lid clockwise the locked positions are in the following order:</li> <li>Vent position</li> <li>Closed position</li> <li>For long incubation of aerobic microorganisms, the closed position is recommended</li> </ul>				
Aerobic incubation (Closed position)	<ul> <li>Turn the lid clockwise to the right to the end into the final stop position</li> <li>The lid locks in the closed position</li> <li>Ideal incubation condition for aerobic micro-organisms</li> <li>Limits the dehydration of the agar during incubation</li> </ul>				
Anaerobic incubation (Vent Position)	<ul> <li>The vent position is ideal for anaerobic incubations, as it allows an easy and effective removal of oxygen under anaerobic incubation conditions</li> <li>Incubate in anaerobic incubator, anaerobic jar or suitable equipment</li> <li>1. First option: <ul> <li>Turn the lid clockwise to the right to the end into the final stop position</li> <li>Turn the lid one click counter-clock-wise to the vent position</li> </ul> </li> <li>2. Second option: <ul> <li>Turn the lid clockwise directly into the first locked position</li> </ul> </li> </ul>				
Place of production	PharmaMedia Dr. Müller GmbH Gustav-Throm-Str. 1, 69181 Leimen - Germany				

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		Quality cont	rol Certifi	cates		
	<b>F</b> 11.7 ( )	•				
	Each lot of product can be obtained with a certificate of analysis (CoA):					
	Physica-shomi	ical tast parama	tore			
	Physico-chemical test parameters:           Appearance         Slightly turbid, yellowish					
	pH value	5,4 - 5,8	y ene men			
	Filling volume	16 – 19ml				
Certificates	Irradiation	9-20 kGy				
		tion test: 10-100			50.000%	
	C. albicans A. brasiliensis	ATCC 10231	20-25°C 20-25°C	2-3 days 3-5 days	50-200% 50-200%	
	A. DIASIIIETISIS	ATCC 10404	20-25 0	3-5 uays	50-200 %	
	Sterility contro				No growth	
		produced by PM			· · · ·	
Certificate of origin	<ul> <li>Raw material</li> <li>Tissue</li> <li>Animal source</li> <li>Country of orig</li> <li>Infectivity cate</li> </ul>	gin gory (acc. to TSE	guideline:	EMA/410/01	rev. 3)	
BSE policy	<ul> <li>In compliance with the current note for guidance on minimizing the risk of transmitting animal spongiform encephalopathy via human or veterinary medicinal products, we check the CoO of raw material in respect to the specified animal source, the country of origin and the infectivity category. We neither store or process ruminant raw materials obtained from high infectivity tissues (IA) nor ruminant raw materials whose animal source originates from countries or regions with an undetermined risk (cat C/GBR IV).</li> </ul>					
Temperature stress	<ul> <li>Art. 120.0060 has been exposed to temperature stress conditions (3 days at 2-8°C as well as 3 days at 30-35°C) and has passed shelf-life testing at least 30 days after the assigned expiry date. Shelf-life testing comprise all regular tests which are part of the normal release test of this article (see CoA).</li> </ul>					



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	Quality control, Certificates				
	- Combinations of aldehydes + alcohols (Aerodesin 2000, Bacillol Plus)				
	However, TSA plates w. LTHT were only able to inactivate quite low concentrations of quaternary ammonium compounds, biguanides and benzalkonium chloride. As these components are normally used in higher concentrations in disinfectants, they do not degrade by themselves and they are not volatile, it is required to clean such surfaces after disinfection with sterile water or sterile alcohol. Whereas the cleaning/rinsing may work properly on flat surfaces it seems likely that on other surfaces residues may remain or eventually even may be concentrated.				
	Instead of such cleaning/rinsing step newly developed neutralizing contact plates could be used. This special neutralizing plate TSA U+ inactivates even high amounts of quaternary ammonium compounds, biguanides and benzalkonium chlorides, without interfering with the growth of microorganisms.				

	Safety Data	
Toxic ingredients	None	
Basic composition	See typical composition	
Solvent content	None	
Safety data sheet required	Not mandatorily required	



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