

Technical Data Sheet													
Use in	<ul style="list-style-type: none"> Pharmaceutical Industry in clean rooms and isolators For industrial, laboratory & research applications only 												
Use for	<ul style="list-style-type: none"> Detection of aerobic and anaerobic micro-organisms Contact sampling, personnel monitoring, as well as active air monitoring Isolation and growth of fastidious bacteria, yeasts and moulds <p>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.</p>												
Typical composition per liter	<table> <tbody> <tr> <td>Casein peptone</td> <td>15g</td> <td>Lecithin (L)</td> <td>0,7g</td> </tr> <tr> <td>Soy peptone</td> <td>5g</td> <td>Polysorbate 80 (T)</td> <td>5,0g</td> </tr> <tr> <td>NaCl</td> <td>5g</td> <td>Agar</td> <td>15g</td> </tr> </tbody> </table> <p>This medium can be adjusted / or supplemented according to the performance criteria required.</p>	Casein peptone	15g	Lecithin (L)	0,7g	Soy peptone	5g	Polysorbate 80 (T)	5,0g	NaCl	5g	Agar	15g
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Irradiation	<ul style="list-style-type: none"> Gamma-irradiated at 9-20 kGy 												
Filling volume	<ul style="list-style-type: none"> 16-19ml 												
Packaging	<ul style="list-style-type: none"> Triple bagged, staples of 10 plates Transparent High barrier foil for H₂O₂ as well as for water-vapor 10 staples of 10 plates per packaging unit Temperature isolated handle-bag in the cardboard-boxes 												
Units per pack	<ul style="list-style-type: none"> 100 plates 												
Shelf life	<ul style="list-style-type: none"> 9 months from production date 												
Storage	<ul style="list-style-type: none"> Recommended storage temperature: 15-25°C 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 Should be stored at temperatures as stable as possible 												
Label	<ul style="list-style-type: none"> On the side, at the bottom 												
Label information	<ul style="list-style-type: none"> Product name: TSA+LT Expiry date: YYYYMMDD → MMM in letters (e.g.: 2023Nov04) Lot-number Individual number Barcode 												

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Barcode	<ul style="list-style-type: none"> • 2-dimensional (data matrix), 20 digits: • Digits 1-3: Art.-No. • Digits 4-9: Lot-Number • Digits 10-14: Individual-Number • Digits 15-20: Date (YYMMDD)
Delivery	<ul style="list-style-type: none"> • Temperature controlled delivery on request • For shipments of larger amounts plastic pallets in Euro-size are used
Petri dish	<ul style="list-style-type: none"> • Incubations in vent and closed position possible • Specific design to improve binding of agar to plate • Easy handling due to increased handling area
Locking lid	<ul style="list-style-type: none"> • Locking-lid 90mm plate • Bottom part with 1cm² square grid for facilitated evaluation
Lid positions	<ul style="list-style-type: none"> • All plates are delivered in the non-locked position • The plate contains 2 locked positions. If turning the lid clockwise the locked positions are in the following order: <ol style="list-style-type: none"> 1. Vent position 2. Closed position
Aerobic incubation	<ul style="list-style-type: none"> • Turn the lid clockwise to the right to the end into the final stop position • The lid locks in the closed position • Ideal incubation condition for aerobic micro-organisms • Limits the dehydration of the agar during incubation
Anaerobic incubation	<ul style="list-style-type: none"> • The vent position is ideal for anaerobic incubations, as it allows an easy and effective removal of oxygen under anaerobic incubation conditions • Incubate in anaerobic incubator, anaerobic jar or suitable equipment <ol style="list-style-type: none"> 1. First option: <ul style="list-style-type: none"> • Turn the lid clockwise to the right to the end into the final stop position • Turn the lid one click counter-clock-wise to the vent position 2. Second option: <ul style="list-style-type: none"> • Turn the lid clockwise directly into the first locked position
Place of production	PharmaMedia Dr. Müller GmbH Gustav-Throm-Str. 1, 69181 Leimen - Germany

Quality control, Certificates																													
Certificates	Each lot of product can be obtained with a certificate of analysis (CoA):																												
	<table border="1"> <thead> <tr> <th colspan="2">Physico-chemical test parameters:</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>Slightly turbid, yellowish</td> </tr> <tr> <td>pH value</td> <td>7,1 – 7,5</td> </tr> <tr> <td>Filling volume</td> <td>16 – 19ml</td> </tr> <tr> <td>Irradiation</td> <td>9-20 kGy</td> </tr> <tr> <td colspan="2">Growth Promotion test: 10-100 CFU</td> </tr> <tr> <td><i>S. aureus</i></td> <td>ATCC 6538 30-35°C 1 day 50-200%</td> </tr> <tr> <td><i>E. coli</i></td> <td>ATCC 8739 30-35°C 1 day 50-200%</td> </tr> <tr> <td><i>P. aeruginosa</i></td> <td>ATCC 9027 30-35°C 1 day 50-200%</td> </tr> <tr> <td><i>B. subtilis</i></td> <td>ATCC 6633 30-35°C 1 day 50-200%</td> </tr> <tr> <td><i>C. albicans</i></td> <td>ATCC 10231 20-25°C 3-5 days 50-200%</td> </tr> <tr> <td><i>A. brasiliensis</i></td> <td>ATCC 16404 20-25°C 3-5 days 50-200%</td> </tr> <tr> <td colspan="2">Sterility control</td> </tr> <tr> <td colspan="2">No growth</td> </tr> </tbody> </table>	Physico-chemical test parameters:		Appearance	Slightly turbid, yellowish	pH value	7,1 – 7,5	Filling volume	16 – 19ml	Irradiation	9-20 kGy	Growth Promotion test: 10-100 CFU		<i>S. aureus</i>	ATCC 6538 30-35°C 1 day 50-200%	<i>E. coli</i>	ATCC 8739 30-35°C 1 day 50-200%	<i>P. aeruginosa</i>	ATCC 9027 30-35°C 1 day 50-200%	<i>B. subtilis</i>	ATCC 6633 30-35°C 1 day 50-200%	<i>C. albicans</i>	ATCC 10231 20-25°C 3-5 days 50-200%	<i>A. brasiliensis</i>	ATCC 16404 20-25°C 3-5 days 50-200%	Sterility control		No growth	
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Certificate of origin	<p>All media lots produced by PMM can be obtained with a Certificate of Origin (CoO). All animal derived raw materials are specified as follows:</p> <ul style="list-style-type: none"> • Raw material • Tissue • Animal source • Country of origin • Infectivity category (acc. to TSE guideline: EMA/410/01 rev. 3) 																												
BSE policy	<ul style="list-style-type: none"> • 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). 																												

Safety Data	
Toxic ingredients	<ul style="list-style-type: none"> • None
Basic composition	<ul style="list-style-type: none"> • See typical composition
Solvent content	<ul style="list-style-type: none"> • None
Safety data sheet required	<ul style="list-style-type: none"> • Not mandatorily required