

	Technical Data								
Use in	<ul style="list-style-type: none"> • Pharmaceutical Industry • Cosmetic Industry • For industrial, laboratory & research applications only 								
Use for	<ul style="list-style-type: none"> • Test for specified micro-organisms • Preparation of test strains • Identification and growth of aerobic microorganisms 								
Typical composition per liter	<p>Basic medium according to Ph. Eur. 2.6.12 and USP <61></p> <table> <tr> <td>Casein peptone</td> <td>15 g</td> </tr> <tr> <td>Soy peptone</td> <td>5 g</td> </tr> <tr> <td>NaCl</td> <td>5 g</td> </tr> <tr> <td>Agar</td> <td>15 g</td> </tr> </table> <p>This medium can be adjusted / or supplemented according to the performance criteria required.</p>	Casein peptone	15 g	Soy peptone	5 g	NaCl	5 g	Agar	15 g
Casein peptone	15 g								
Soy peptone	5 g								
NaCl	5 g								
Agar	15 g								
Filling volume	<ul style="list-style-type: none"> • 200 mL 								
Bottle format	<ul style="list-style-type: none"> • 220 mL screw cap • Type II glass • Bottle opening about 31 mm • Colour of cap: green • GL40 screw cap with 2 integrated septa 								
Bottles per tray	<ul style="list-style-type: none"> • 12 bottles on a plastic tray wrapped with shrink foil 								
Shelf life	<ul style="list-style-type: none"> • 18 months from production date 								
Storage conditions	<ul style="list-style-type: none"> • Recommended storage temperature: 2 – 25 °C • Should be stored at temperatures as stable as possible 								
Label	<ul style="list-style-type: none"> • On the side • Contain autoclave indicator 								
Label information	<ul style="list-style-type: none"> • Product name: TSA • Expiry date: YYYYMMDD → MMM in letters (e.g.: 2027Nov04) • Lot-number • Individual number • Barcode 								
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 can be used 								

Technical Data	
Bottle information	<ul style="list-style-type: none"> Label contains autoclaving indicator (brown → green) Bottles are incubated at 25 – 35 °C for at least 48 hours after autoclaving and then packed Bottles are not touched any more by hand after autoclaving
Melting recommendations	<ul style="list-style-type: none"> Melt the agar medium (e.g., at 95 °C for 105 min in a water bath) Transfer the bottle to a water bath at 47 – 50 °C for a max. time of four hours Pipette your sample into an empty, sterile petri dish Add 18 – 25 mL of agar medium and shake gently Incubate the plates upside down Do not use a microwave for melting the agar Do not melt the agar medium in an autoclave Do not reuse melted agar medium a second time
Place of production	PharmaMedia Dr. Müller GmbH Gustav-Throm-Str. 1, 69181 Leimen - Germany

Quality control, Certificates																																																																												
Certificates	<p>Every batch of product can be obtained with a certificate of analysis (CoA):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="background-color: #d9e1f2;">Physico-chemical test parameters:</th> </tr> </thead> <tbody> <tr> <td style="width: 30%;">Appearance</td> <td colspan="4">Clear, yellowish</td> </tr> <tr> <td>pH value</td> <td colspan="4">7.1 – 7.5</td> </tr> <tr> <td>Filling volume</td> <td colspan="4">196 – 206 mL</td> </tr> <tr> <td colspan="5"> </td> </tr> <tr> <th colspan="5" style="background-color: #d9e1f2;">Growth Promotion test: 10 – 100 CFU</th> </tr> <tr> <td><i>S. aureus</i></td> <td>ATCC 6538</td> <td>30-35 °C</td> <td>1 day</td> <td>50-200%</td> </tr> <tr> <td><i>E. coli</i></td> <td>ATCC 8739</td> <td>30-35 °C</td> <td>1 day</td> <td>50-200%</td> </tr> <tr> <td><i>P. paraeruginosa</i></td> <td>ATCC 9027</td> <td>30-35 °C</td> <td>1 day</td> <td>50-200%</td> </tr> <tr> <td><i>B. spizizenii</i></td> <td>ATCC 6633</td> <td>30-35 °C</td> <td>1 day</td> <td>50-200%</td> </tr> <tr> <td><i>C. albicans</i></td> <td>ATCC 10231</td> <td>30-35 °C</td> <td>3-5 days</td> <td>50-200%</td> </tr> <tr> <td><i>A. brasiliensis</i></td> <td>ATCC 16404</td> <td>30-35 °C</td> <td>3-5 days</td> <td>50-200%</td> </tr> <tr> <td colspan="5"> </td> </tr> <tr> <th colspan="5" style="background-color: #d9e1f2;">Sterility control</th> </tr> <tr> <td colspan="5">≥ 7 days at 30-35 °C, no growth</td> </tr> </tbody> </table>	Physico-chemical test parameters:					Appearance	Clear, yellowish				pH value	7.1 – 7.5				Filling volume	196 – 206 mL									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. paraeruginosa</i>	ATCC 9027	30-35 °C	1 day	50-200%	<i>B. spizizenii</i>	ATCC 6633	30-35 °C	1 day	50-200%	<i>C. albicans</i>	ATCC 10231	30-35 °C	3-5 days	50-200%	<i>A. brasiliensis</i>	ATCC 16404	30-35 °C	3-5 days	50-200%						Sterility control					≥ 7 days at 30-35 °C, no growth				
Physico-chemical test parameters:																																																																												
Appearance	Clear, yellowish																																																																											
pH value	7.1 – 7.5																																																																											
Filling volume	196 – 206 mL																																																																											
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. paraeruginosa</i>	ATCC 9027	30-35 °C	1 day	50-200%																																																																								
<i>B. spizizenii</i>	ATCC 6633	30-35 °C	1 day	50-200%																																																																								
<i>C. albicans</i>	ATCC 10231	30-35 °C	3-5 days	50-200%																																																																								
<i>A. brasiliensis</i>	ATCC 16404	30-35 °C	3-5 days	50-200%																																																																								
Sterility control																																																																												
≥ 7 days at 30-35 °C, no growth																																																																												
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 current version) 																																																																											

Quality control, Certificates	
BSE policy	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).
Temperature stress	Art. 600.B200 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 comprises all regular tests which are part of the normal release test of this article except for sterility control (see CoA).

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