

## TAT (Tryptone-Azolecithin-Tween) Broth 990 mL

	<b>Technical Data</b>								
<b>Use in</b>	<ul style="list-style-type: none"> <li>Pharmaceutical and Cosmetic Industry</li> <li>For industrial, laboratory &amp; research applications only</li> </ul>								
<b>Use for</b>	<ul style="list-style-type: none"> <li>Product testing of highly viscous or gelatinous substances like salves, ointments and other cosmetic products</li> </ul>								
<b>Typical composition per liter</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Casein peptone</td> <td style="width: 10%; text-align: center;">20 g</td> <td style="width: 30%;">Polysorbate 80</td> <td style="width: 30%; text-align: right;">40 g</td> </tr> <tr> <td>Lecithin</td> <td style="text-align: center;">5 g</td> <td></td> <td></td> </tr> </table> <p>This medium can be adjusted / or supplemented according to the performance criteria required.</p>	Casein peptone	20 g	Polysorbate 80	40 g	Lecithin	5 g		
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<b>Filling volume</b>	<ul style="list-style-type: none"> <li>990 mL</li> </ul>								
<b>Bottle format</b>	<ul style="list-style-type: none"> <li>1000 mL laboratory glass screw cap bottle</li> <li>Type I glass (borosilicate glass)</li> <li>Bottle opening about 30 mm</li> <li>Colour of cap: green</li> <li>GL45 screw cap with 3 integrated septa</li> </ul>								
<b>Bottles per tray</b>	<ul style="list-style-type: none"> <li>6 bottles on a plastic tray wrapped with shrink foil</li> </ul>								
<b>Shelf life</b>	<ul style="list-style-type: none"> <li>12 months from production date</li> </ul>								
<b>Storage</b>	<ul style="list-style-type: none"> <li>Recommended storage temperature: 2 – 25 °C</li> <li>Should be stored at temperatures as stable as possible</li> </ul>								
<b>Label</b>	<ul style="list-style-type: none"> <li>On the side</li> <li>Contain autoclave indicator</li> </ul>								
<b>Label information</b>	<ul style="list-style-type: none"> <li>Product name: TAT Broth 990 mL</li> <li>Expiry date: YYYYMMDD → MMM in letters (e.g.: 2026Nov04)</li> <li>Lot-number</li> <li>Individual number</li> <li>Barcode</li> </ul>								
<b>Barcode</b>	<ul style="list-style-type: none"> <li>2-dimensional (data matrix), 20 digits:</li> <li>Digits 1-3: Art.-No.</li> <li>Digits 4-9: Lot-Number</li> <li>Digits 10-14: Individual-Number</li> <li>Digits 15-20: Date (YYMMDD)</li> </ul>								
<b>Delivery</b>	<ul style="list-style-type: none"> <li>Temperature controlled delivery on request</li> <li>For shipments of larger amounts plastic pallets in Euro-size are used</li> </ul>								
<b>Bottle information</b>	<ul style="list-style-type: none"> <li>Label contains autoclaving indicator (brown → green)</li> <li>Bottles are incubated at 25 – 35 °C for at least 48 hours after autoclaving and then packed</li> <li>Bottles are not touched any more by hand after autoclaving</li> </ul>								

Technical Data	
<b>Place of production</b>	PharmaMedia Dr. Müller GmbH Gustav-Throm-Str. 1, 69181 Leimen - Germany

Quality control, Certificates																																																								
<b>Certificates</b>	<p>Every batch of product can be obtained with a certificate of analysis (CoA):</p> <table border="1" style="width: 100%;"> <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">Light amber, clear to very slightly opalescent, with a very slight precipitate</td> </tr> <tr> <td>pH value</td> <td colspan="4">7.0 – 7.4</td> </tr> <tr> <td>Filling volume</td> <td colspan="4">970 – 1030 mL</td> </tr> <tr> <td colspan="5" style="background-color: #d9e1f2;">Growth Promotion test: 10 – 100 CFU*</td> </tr> <tr> <td><i>S. aureus</i></td> <td>ATCC 6538</td> <td>30-35 °C</td> <td>18-24 h</td> <td>Good growth</td> </tr> <tr> <td><i>P. paraeruginosa</i></td> <td>ATCC 9027</td> <td>30-35 °C</td> <td>18-24 h</td> <td>Good growth</td> </tr> <tr> <td><i>B. spizizenii</i></td> <td>ATCC 6633</td> <td>30-35 °C</td> <td>18-24 h</td> <td>Good growth</td> </tr> <tr> <td><i>C. albicans</i></td> <td>ATCC 10231</td> <td>30-35 °C</td> <td>18-24 h</td> <td>Good growth</td> </tr> <tr> <td colspan="5" style="background-color: #d9e1f2;">Sterility control</td> </tr> <tr> <td colspan="5">≥ 3 days at 30-35 °C, no growth</td> </tr> </tbody> </table> <p>*In case of a direct inoculation and incubation in the bottle, please check the recommendations for use on next page.</p>	Physico-chemical test parameters:					Appearance	Light amber, clear to very slightly opalescent, with a very slight precipitate				pH value	7.0 – 7.4				Filling volume	970 – 1030 mL				Growth Promotion test: 10 – 100 CFU*					<i>S. aureus</i>	ATCC 6538	30-35 °C	18-24 h	Good growth	<i>P. paraeruginosa</i>	ATCC 9027	30-35 °C	18-24 h	Good growth	<i>B. spizizenii</i>	ATCC 6633	30-35 °C	18-24 h	Good growth	<i>C. albicans</i>	ATCC 10231	30-35 °C	18-24 h	Good growth	Sterility control					≥ 3 days at 30-35 °C, no growth				
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<b>Certificate of origin</b>	<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"> <li>• Raw material</li> <li>• Tissue</li> <li>• Animal source</li> <li>• Country of origin</li> <li>• Infectivity category (acc. to TSE guideline: EMA/410/01 current version)</li> </ul>																																																							
<b>BSE policy</b>	<p>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).</p>																																																							

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	Recommendations for use
<b>Release of negative pressure in media bottles</b>	During the autoclaving process, chemical reactions inside the bottles may result in a slight vacuum. Please ensure that the vacuum is released without contaminating the bottle. Ideally, the vacuum is released by puncturing the septum with an aeration needle equipped with a sterile filter prior to opening a bottle.
<b>Aeration for direct inoculation</b>	<p>During the autoclaving process, most of the oxygen inside the bottles is consumed in a chemical reaction, thus resulting in a medium not suitable for direct inoculation of aerobic microorganisms. When using such bottle for the growth of aerobic microorganisms without opening, please ensure that the bottle is aerated throughout the complete incubation process by an aeration needle equipped with a sterile filter. Additionally, air filtered through a sterile filter may be pressed into the bottle using a syringe.</p> <p>Example for aeration: For bottles containing larger volumes of medium, e.g. TSB in 500 or 1000 mL, puncture the bottle lid (stopper) by a cannula of at least 1.6 mm diameter equipped with a sterile filter. Equilibrate with the cannula for not less than three days at 20 to 25 °C prior to inoculation.</p>

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