

TAT (Tryptone-Azolecithin-Tween) Broth 990 mL

	Technical Data Sheet			
Use in	<ul style="list-style-type: none">Pharmaceutical and Cosmetic IndustryFor industrial, laboratory & research applications only			
Use for	<ul style="list-style-type: none">Product testing of highly viscous or gelatinous substances like salves, ointments and other cosmetic products			
Typical composition per liter	Casein peptone	20 g	Polysorbate 80	40 g
	Lecithin	5 g		
	This medium can be adjusted / or supplemented according to the performance criteria required.			
Filling volume	<ul style="list-style-type: none">990 mL			
Bottle format	<ul style="list-style-type: none">1000 mL laboratory glass screw cap bottleType I glass (borosilicate glass)Bottle opening about 30 mmColour of cap: greenGL45 screw cap with 3 integrated septa			
Bottles per tray	<ul style="list-style-type: none">6 bottles on a plastic tray wrapped with shrink foil			
Shelf life	<ul style="list-style-type: none">12 months from production date			
Storage	<ul style="list-style-type: none">Recommended storage temperature: 2 - 25 °CShould be stored at temperatures as stable as possible			
Label	<ul style="list-style-type: none">On the sideContain autoclave indicator			
Label information	<ul style="list-style-type: none">Product name: TAT Broth 990 mLExpiry date: YYYYMMDD → MMM in letters (e.g.: 2023Nov04)Lot-numberIndividual numberBarcode			
Barcode	<ul style="list-style-type: none">2-dimensional (data matrix), 20 digits:Digits 1-3: Art.-No.Digits 4-9: Lot-NumberDigits 10-14: Individual-NumberDigits 15-20: Date (YYMMDD)			
Delivery	<ul style="list-style-type: none">Temperature controlled delivery on requestFor shipments of larger amounts plastic pallets in Euro-size are used			
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 packedBottles are not touched any more by hand after autoclaving			

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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):				
	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*				
	S.aureus	ATCC 6538	30-35 °C	18-24 h	Good growth
	P.paraeruginosa	ATCC 9027	30-35 °C	18-24 h	Good growth
	B.spizizenii	ATCC 6633	30-35 °C	18-24 h	Good growth
	C.albicans	ATCC 10231	30-35 °C	18-24 h	Good growth
Sterility control					
≥ 3 days at 30-35 °C, no growth					
*In case of a direct inoculation and incubation in the bottle, please ensure that sufficient aeration of the bottle is warranted					
Release of negative pressure in media bottles	During the autoclaving process, chemical reactions inside the bottles may result in a slight vacuum. Please assure 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.				
Aeration for direct inoculation	<p>During the autoclaving process, the majority 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 assure 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>				

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Quality control, Certificates	
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)
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