

Tryptic Soy Broth 200 mL

	Technical Data Sheet			
Use in	<ul style="list-style-type: none">Pharmaceutical IndustryCosmetic IndustryFood IndustryFor industrial, laboratory & research applications onlyBasic medium according to Ph. Eur. 2.6.1 and USP <71>			
Use for	<ul style="list-style-type: none">Test for specified micro-organismsPreparation of test strainsDiluent for sample preparationIdentification and growth of aerobic micro-organisms			
Typical composition per liter	Casein peptone	17 g	Glucose x H ₂ O	2.5 g
	Soy peptone	3 g	K ₂ HPO ₄	2.5 g
	NaCl	5 g		
	This medium can be adjusted / or supplemented according to the performance criteria required.			
Filling volume	<ul style="list-style-type: none">200 mL			
Bottle format	<ul style="list-style-type: none">220 mL screw capType II glassBottle opening about 31 mmColour of cap: greenGL40 screw cap with 2 integrated septa			
Bottles per box	<ul style="list-style-type: none">30 bottles in one reusable plastic box			
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 °CShould be stored at temperatures as stable as possibleStore protected from light exposure			
Label	<ul style="list-style-type: none">On the sideContain autoclave indicator			
Label information	<ul style="list-style-type: none">Product name: TSB 200 mLExpiry date: YYYYMMDD ➔ MMM in letters (e.g.: 2026Nov04)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)			

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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
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 anymore by hand after autoclaving
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	Clear, yellowish			
	pH value	7.1 – 7.5			
	Filling volume	98 – 104 mL			
	Growth Promotion test: 10 – 100 CFU*				
	S.aureus	ATCC 6538	30 – 35 °C	1 day	Good growth
	E.coli	ATCC 8739	30 – 35 °C	1 day	Good growth
	P.paraeruginosa	ATCC 9027	30 – 35 °C	1 day	Good growth
	B.spizizenii	ATCC 6633	30 – 35 °C	1 day	Good growth
	C.albicans	ATCC 10231	20 – 25 °C	≤ 2 days	Good growth
	A.brasiliensis	ATCC 16404	20 – 25 °C	≤ 3 days	Good growth
Sterility control					
≥ 7 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 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.				

	Quality control, Certificates
Aeration for direct inoculation	<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>
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