

MacConkey Agar CS 90 mm plate

Technical Data Sheet																	
Use in	<ul style="list-style-type: none"> Pharmaceutical Industry For industrial, laboratory & research applications only Basic medium according to EP 2.6.13 and USP <62> 																
Use for	<ul style="list-style-type: none"> Examination of non-sterile products Test for specified micro-organisms Test for <i>Escherichia coli</i> <p>Application: Typically, 10 g of product are diluted in NaCl-Peptide Buffer (NPB, e.g., art.-No. 571.B090). The amount corresponding to 1g of product is transferred to TSB (e.g., art.-No. 500.B100) and incubated at 30-35 °C for 18-24 h. Transfer 1 mL to MacConkey Broth (e.g., Art.-No. 581.B100) and incubate at 42-44 °C for 24-48 h. An aliquot is subcultured on MacConkey Agar and incubated at 30-35 °C for 18-72 h. Growth of colonies indicate the presence of <i>E. coli</i>. In case colonies are detected an identification test needs to prove the presence/absence of <i>E. coli</i>.</p>																
Typical composition per liter	<table> <tbody> <tr> <td>Peptones</td> <td>3 g</td> <td>Neutral red</td> <td>30 mg</td> </tr> <tr> <td>Lactose monohydrate</td> <td>10 g</td> <td>NaCl</td> <td>5 g</td> </tr> <tr> <td>Bile salts</td> <td>1,5 g</td> <td>Crystal violet</td> <td>1 mg</td> </tr> <tr> <td>Pancreatic digest of gelatine</td> <td>17 g</td> <td>Agar</td> <td>13,5 g</td> </tr> </tbody> </table> <p>This medium can be adjusted / or supplemented according to the performance criteria required.</p>	Peptones	3 g	Neutral red	30 mg	Lactose monohydrate	10 g	NaCl	5 g	Bile salts	1,5 g	Crystal violet	1 mg	Pancreatic digest of gelatine	17 g	Agar	13,5 g
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Irradiation	<ul style="list-style-type: none"> Not irradiated 																
Filling volume	<ul style="list-style-type: none"> 23-26 mL 																
Packaging	<ul style="list-style-type: none"> Single bagged, staples of 10 plates Transparent High barrier foil against desiccation 6 staples of 10 plates per packaging unit Temperature isolated handle-bag in the cardboard-boxes 																
Units per pack	<ul style="list-style-type: none"> 60 plates 																
Shelf life	<ul style="list-style-type: none"> 8 months from production date 																
Storage conditions	<ul style="list-style-type: none"> Recommended storage temperature: 15-25 °C Should be stored at temperatures as stable as possible Before use: it is recommended to keep the plates upright before use, agar on the lower part, lid on the upper part to avoid formation of extra condensation After use: it is recommended to keep the plates upside down after use, agar on the upper part, lid on the lower part to reduce the risk of condensation forming during incubation which can affect colony forming 																

Technical Data Sheet	
Label	<ul style="list-style-type: none"> On the side, at the bottom
Label information	<ul style="list-style-type: none"> Product name: MCA Expiry date: YYYYMMDD → MMM in letters (e.g.: 2023Nov04) 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
Petri dish	<ul style="list-style-type: none"> Locking lid 90 mm plate, made from polystyrene Long incubations possible – due to high filling volume Long expositions possible – due to specific design of plate Incubations in vent and closed position possible
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"> Vent position Closed position For long incubation of aerobic microorganisms, the closed position is recommended
Aerobic incubation (Closed Position)	<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
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):																																																																																															
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	<p>*According to EP 2.6.13 USP<62>, no quantitative test (determination of recovery rate against a non-selective reference) is required – only the qualitative comparison with a previous approved batch is requested</p> <p>** formerly named <i>P. aeruginosa</i></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 rev. 3) 																																																																																															

Quality control, Certificates	
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).
Temperature stress	<ul style="list-style-type: none"> Art. 460.0060 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 270 days after the production date. Shelf-life testing comprise all regular tests which are part of the normal release test of this article (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