

| 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>Salmonella</i> spp. <p>Application: Typically, 10 g of product are diluted in 90 mL Tryptic Soy Broth (TSB, e.g., art.-No. 501.B090), mixed and incubated at 30-35 °C for 18-24 h. 0,1 mL is transferred to Rappaport-Vassiliadis Broth and incubated at 30-35 °C for 18-24 h. An aliquot is subcultured on XLD Agar and incubated at 30-35 °C for 18-48 h. Growth of reddish or red colonies, with or without black centre indicates the presence of <i>Salmonella</i>. In case such colonies are detected an identification test needs to prove the presence/absence of <i>Salmonella</i>.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Typical composition per liter | <table> <tbody> <tr> <td>Xylose</td> <td>3,5 g</td> <td>Yeast extract</td> <td>3 g</td> </tr> <tr> <td>Lysine</td> <td>5 g</td> <td>NaCl</td> <td>5 g</td> </tr> <tr> <td>Na-deoxycholate</td> <td>2,5 g</td> <td>Ferric ammonium citrate</td> <td>0,8 g</td> </tr> <tr> <td>Lactose x H₂O</td> <td>7,5 g</td> <td>phenol red</td> <td>80 mg</td> </tr> <tr> <td>Sucrose</td> <td>7,5 g</td> <td>Agar</td> <td>13,5 g</td> </tr> <tr> <td>Na-thiosulfate</td> <td>6,8 g</td> <td></td> <td></td> </tr> </tbody> </table> <p>This medium can be adjusted / or supplemented according to the performance criteria required.</p> | Xylose | 3,5 g | Yeast extract | 3 g | Lysine | 5 g | NaCl | 5 g | Na-deoxycholate | 2,5 g | Ferric ammonium citrate | 0,8 g | Lactose x H ₂ O | 7,5 g | phenol red | 80 mg | Sucrose | 7,5 g | Agar | 13,5 g | Na-thiosulfate | 6,8 g | | |
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| Lysine | 5 g | NaCl | 5 g | | | | | | | | | | | | | | | | | | | | | | |
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| Sucrose | 7,5 g | Agar | 13,5 g | | | | | | | | | | | | | | | | | | | | | | |
| Na-thiosulfate | 6,8 g | | | | | | | | | | | | | | | | | | | | | | | | |
| 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"> 4 months from production date | | | | | | | | | | | | | | | | | | | | | | | | |

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| 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 |
| Label | <ul style="list-style-type: none"> On the side, at the bottom |
| Label information | <ul style="list-style-type: none"> Product name: XLD 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 |

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| Production | Production of selective media is made at the beginning of every quarter. To get the longest shelf life possible, we do recommend to place orders <u>for delivery</u> at this period of time. |
| Place of production | PharmaMedia Dr. Müller GmbH Gustav-Throm-Str. 1, 69181 Leimen - Germany |

| Quality control, Certificates | | |
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| Certificates | Each lot of product can be obtained with a certificate of analysis (CoA): | |
| | Physico-chemical test parameters: | |
| | Appearance | Clear, reddish-reddish |
| | pH value | 7,2 – 7,6 |
| | Filling volume | 23 – 26 mL |
| | Growth Promotion test: 10-100 CFU* | |
| | <i>S. Typhimurium</i> | ATCC 14028 30-35 °C 16-18 h 50-200% |
| | <i>S. Abony</i> | NCTC 6017 30-35 °C 16-18 h 50-200% |
| | Inhibition test: 10.000-100.000 CFU | |
| | <i>S. aureus</i> | ATCC 6538 30-35 °C 42-58 h No growth |
| | Indicative properties: 10-100 CFU | |
| | <i>S. Typhimurium</i> | ATCC 14028 30-35 °C 18-24 h Colorless to pale pink colonies, colonies mostly with black center, medium red |
| | <i>S. Abony</i> | NCTC 6017 30-35 °C 18-24 h Colorless to pale pink colonies, colonies mostly with black center, medium red |
| | Sterility control | No growth |
| | *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 | |
| Certificate of origin | All media lots produced by PMM can be obtained with a Certificate of Origin (CoO). All animal derived raw materials are specified as follows: | |
| | <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 | |
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| 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. 470.0060 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 30 days after the assigned expiry 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 |