

POTATO DEXTROSE AGAR (PDA)

APPLICATION	Potato Dextrose Agar is a medium used for the identification, cultivation and enumeration of yeasts and molds from foodstuffs and other materials. This medium complies with the recommendations of the harmonized method in the United States Pharmacopoeia (USP) and European Pharmacopoeia (EP).																
PRINCIPLE AND INTERPRETATION	Potato infusion and dextrose support luxuriant growth of fungi encouraging mould sporulation and pigment production. Agar is the solidifying agent.																
MEDIUM COMPOSITION*	<table data-bbox="614 683 1468 817"> <tr> <td>Potato Infusion</td> <td>.....</td> <td>200.00 g/L</td> </tr> <tr> <td>Dextrose</td> <td>.....</td> <td>20.00 g/L</td> </tr> <tr> <td>Agar</td> <td>.....</td> <td>15.00 g/L</td> </tr> </table> <p>Final pH: 5.6 ± 0.2</p> <p>*Adjusted and/or supplemented as required to meet performance criteria</p>	Potato Infusion	200.00 g/L	Dextrose	20.00 g/L	Agar	15.00 g/L							
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STORAGE	+2/+25°C Protect from light, excessive heat, moisture and freezing																
STERILIZATION	Autoclaved																
QUALITY CONTROL	<p>Growth Promotion Test</p> <table border="1" data-bbox="507 1171 1481 1444"> <thead> <tr> <th>Control strain</th> <th>Medium inoculation level</th> <th>Incubation Conditions</th> <th>Recovery Specifications</th> </tr> </thead> <tbody> <tr> <td><i>S. cerevisiae</i> ATCC 9763</td> <td>10-100 viable microorganisms</td> <td>48-120 h at 22.5 ± 2.5°C</td> <td>70% ≤ R% ≤ 200%</td> </tr> <tr> <td><i>C. albicans</i> ATCC 10231</td> <td>10-100 viable microorganisms</td> <td>48-120 h at 22.5 ± 2.5°C</td> <td>70% ≤ R% ≤ 200%</td> </tr> <tr> <td><i>A. brasiliensis</i> ATCC 16404</td> <td>10-100 viable microorganisms</td> <td>48-120 h at 22.5 ± 2.5°C</td> <td>70% ≤ R% ≤ 200%</td> </tr> </tbody> </table> <p>Sterility control: no growth</p> <p>Appearance: Amber coloured, clear to slightly opalescent</p>	Control strain	Medium inoculation level	Incubation Conditions	Recovery Specifications	<i>S. cerevisiae</i> ATCC 9763	10-100 viable microorganisms	48-120 h at 22.5 ± 2.5°C	70% ≤ R% ≤ 200%	<i>C. albicans</i> ATCC 10231	10-100 viable microorganisms	48-120 h at 22.5 ± 2.5°C	70% ≤ R% ≤ 200%	<i>A. brasiliensis</i> ATCC 16404	10-100 viable microorganisms	48-120 h at 22.5 ± 2.5°C	70% ≤ R% ≤ 200%
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GENERAL WARNING NOTES	<p>Device must be handled according to asepsis precautions, of utilization of culture media is strictly referred to the type of analysis that must be done. Please refer to specific norms and procedures. Do not use if device is broken. Do not use if media shows accidental contamination signs. Do not utilize after expiry date. Let device reach room temperature before utilizing. Results interpretation must be done by qualified personnel, who must consider context of use.</p> <p>Disposal of waste must be carried out according to national and local regulations in force</p>																

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This product is available in:

- Sterile bottled POTATO DEXTROSE AGAR (PDA)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
400ml	003/32PSC28.400	003/32PSC28.400.10 (10 bottles/pack)	400ml in 500ml volume, PP28 Screw cap bottle	12 months

Customized filling volumes and formulations are available upon request

To receive information please

contact info@cpcbiotech.it