

## MALT AGAR + MALT EXTRACT BROTH

<b>APPLICATION</b>	Malt Agar and Malt extract broth are medium used for the detection and isolation of yeasts and moulds from dairy products, foods and other materials. Malt agar is also used for carrying stock cultures of yeasts and moulds.			
<b>PRINCIPLE AND INTERPRETATION</b>	Malt extract provides carbon, protein and nutrient sources required for the growth of microorganisms. Agar (present only in the code 253) is the solidifying agent.			
<b>MEDIUM COMPOSITION*</b>	MALT AGAR	Malt extract.....30.00 g/L Mycological peptone.....5.00 g/L Agar.....15.00 g/L  Final pH: 5.4 ± 0.2 *Adjusted and/or supplemented as required to meet performance criteria		
	MALT EXTRACT BROTH	Malt extract.....17.00 g/L Mycological peptone.....3.00 g/L  Final pH: 5.4 ± 0.2 *Adjusted and/or supplemented as required to meet performance criteria		
<b>STORAGE</b>	+2/+25°C Protect from light, excessive heat, moisture and freezing			
<b>STERILIZATION</b>	Autoclaved			
<b>QUALITY CONTROL</b>	<b>Growth Promotion Test for Malt agar:</b>			
	<b>Control strain</b>	<b>Medium inoculation level</b>	<b>Incubation Conditions</b>	
	<b>Recovery Specifications</b>			
	<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%	
<b>Growth Promotion Test for Malt extract broth:</b>				
<b>Control strain</b>	<b>Medium inoculation level</b>	<b>Incubation Conditions</b>	<b>Recovery Specifications</b>	
<i>C. albicans</i> ATCC 10231	10-100 viable microorganisms	72-120 h at 32.5 ± 2.5°C	Good growth	
<i>A. brasiliensis</i> ATCC 16404	10-100 viable microorganisms	72-120 h at 32.5 ± 2.5°C	Good growth	
<b>Sterility control:</b> no growth				
<b>Appearance:</b> Amber coloured, clear to slightly opalescent				

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<b>GENERAL WARNING NOTES</b>	<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 MALT AGAR**

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
400ml	<b>253/32PSC28.400</b>	253/32PSC28.400.10 (10 bottles/pack)	400ml in 500ml volume, PP28 Screw cap bottle	1 years

➤ **Sterile bottled/test tubes MALT EXTRACT BROTH**

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
400ml	<b>014/32PSC28.400</b>	014/32PSC28.400.10 (10 bottles/pack)	400ml in 500ml volume, PP28 Screw cap bottle	8 months
10ml	<b>014/40PSC16.10</b>	014/40PSC16.10.10 (10 tubes/pack)	10ml volume, PP16 Screw cap test tubes	8 months

*Customized filling volumes and formulations are available upon request*

*To receive information please*

*contact [info@cpcbitech.it](mailto:info@cpcbitech.it)*