

## GLUCOSE YEAST EXTRACT AGAR (GYA)

<b>APPLICATION</b>	Glucose Yeast Extract Agar (GYA) is a medium used for the identification of mesophilic and thermophilic aerobic bacteria in food and other materials by promoting sporulation. This medium complies with the recommendations of UNE-EN-13704 standard for the evaluation of sporicidal activity of chemical disinfectants
<b>PRINCIPLE AND INTERPRETATION</b>	Casamino acids provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Starch aids in the recovery of injured cells. Dextrose is the fermentable carbohydrate. Yeast extract is a source of vitamins, particularly of B-group. Iron and manganese sulphates enhance sporulation in Bacillus species.
<b>MEDIUM COMPOSITION*</b>	<p>Casamino Acids.....1.00 g/L  Dextrose.....2.50 g/L  Starch.....1.00 g/L  Yeast Extract.....5.00 g/L  Iron Sulphate .....0.10 g/L  Manganese Sulphate.....0.0001 g/L  Agar.....15.00 g/L</p> <p>Final pH: 6.8 ± 0.2</p> <p>*Adjusted and/or supplemented as required to meet performance criteria</p>
<b>STORAGE</b>	+2°/+25°C Protect from light, excessive heat, moisture and freezing
<b>QUALITY CONTROL</b>	<b>Sterility control:</b> no growth
<b>GENERAL WARNING NOTES</b>	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. Disposal of waste must be carried out according to national and local regulations in force

## GLUCOSE YEAST EXTRACT AGAR (GYA)

This product is available in:

- Sterile bottled GYA

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000mL	<b>007.1/33PSC28.1L</b>	007.1/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	1 year

*Customized filling volumes and formulations are available upon request*

*To receive information please*

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