



Nutrient Agar



PRECAUTIONS:

When preparing solutions always wear appropriate PPE including eye protection and gloves. Always add acid to water (never water to acid). Use a fume cupboard. You should always carry out a risk assessment when using any chemicals. Follow all recommended safety procedures and adhere to the label instructions, hazard warnings and local legislations.

RECIPES:

1. 10g Yeast Extract or 5g Marmite, 10g Peptone, 15g agar powder, 10g Glucose in 1000ml of water. Heat and stir solution to dissolve. Autoclave solution. Wear heatproof gloves when handling the heated glassware.
2. Dissolve 28g suppliers nutrient agar powder (2.8g per 100g) in 1000ml of water. Heat and stir to dissolve – then Autoclave solution. Wear heatproof gloves when handling the heated glassware. Pour or Store solution after it has been autoclaved.

EXPERIMENTS:

Nutrient Agar can be used in the following experiments (scan or see website for details):



Making a Spread
or 'Lawn' Plate

CONVERSIONS:

- 1ml = 1 millilitre = 1cm³ = 1/1000th Litre
- 1 Litre = 1dm³ = 1000ml
- 1M = 1mol dm⁻³ = 1 mol l⁻¹ = 1 mole per litre

WATER:

Distilled water should be used unless otherwise stated. Tap water is not suitable as it contains impurities.

Order your
ingredients **24/7**
at **SciChem.com**

