



## Janus Green B



### 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:

- 0.3g of Janus Green in 1000ml of Distilled or Deionised water.

When used in respiration the colour change is from blue-green (aerobic) to pink (anaerobic).

Wear Safety glasses & gloves to prevent staining to hands. Bottle and label as necessary.

### EXPERIMENTS:

Janus Green B can be used in the following experiments (scan or see website for details):



Measurement  
of Anaerobic  
Respiration in Yeast

### CONVERSIONS:

- 1ml = 1 millilitre = 1cm<sup>3</sup> = 1/1000th Litre
- 1 Litre = 1dm<sup>3</sup> = 1000ml
- 1M = 1mol dm<sup>-3</sup> = 1 mol l<sup>-1</sup> = 1 mole per litre

### WATER:

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

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

