

Glucose

Glucose for bacteriological use

PHYSIC-CHEMICAL CHARACTERISTIC

Solubility in water at 5%	Complete
Humidity	≤ 0.50 %
Molar weight	180
Acidity	≤ 0.15 ml
Ash	≤ 0.10 %
Granulometry	98% lower to 70 Mesh 45% lower to 1400 Mesh

DESCRIPTION

Glucose is used as a source of energy readily available for bacteria in fermentation tests (i.e. *Salmonella typhimurium* and *Escherichia coli* ferment glucose). It is free from other sugars and from starch, proteins and metals. In liquid media is used generally at 0.5% concentration; high concentrations are used for the preparation of solid media. Glucose can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization preferably by filtration.

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

PACKAGE

Code	Content	Packaging
611601	500 g	500 g of product in plastic bottle
621601	100 g	100 g of product in plastic bottle
6116015	5000 g	5000 g of product in plastic bottle

SHELF LIFE

4 years









QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Colour: white.

TABLE OF SYMBOLS

 LOT	Batch code		Consult instructions for use		Manufacturer		Contains sufficient for <n> tests
 REF	Catalogue number		Temperature limitation		Use by		Keep away from heat sources