

Product Name : Sucrose

Sucrose for bacteriological use.

PHYSICO-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water	>50 ppm
Loss on drying	160 ppm
Specific Optical Rotation	+66.74°
Acidity	<0.0008µg/g

USE

Sucrose is used as a source of energy readily available for bacteria in fermentation tests (i.e. *Klebsiella pneumoniae* ferments sucrose whilst *Salmonella typhimurium* gives a negative reaction). It free from other sugars and from starch, proteins and metals.

EXPLANATION

Sucrose for bacteriological use.

TECHNIC

Sucrose can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization by autoclaving.

USER QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Color: white.

STORAGE

The powder is very hygroscopic: store the powder at room temperature, 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.

REFERENCES

1. Cowan, S.T., Steel, K.J. (1979) Manual for the identification of medical bacteria. Edi. Ermes.

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PACKAGING

Cat. No : MB-S4842 Sucrose	500 G
Cat. No : MB-S48421 Sucrose	1 KG
Cat. No : MB-S48425 Sucrose	5 KG