

PRODUCT INFORMATION

Sucrose

Cat. No. S19-117

Sucrose is a chemically pure disaccharide composed of glucose and fructose.

DESCRIPTION

Sucrose is a chemically pure disaccharide composed of glucose and fructose. It is added to culture media for the determination of fermentation reactions and as a source of carbohydrates for the growth of microorganisms.

PHYSICAL AND CHEMICAL CHARACTERISTICS

TEST TYPE	SPECIFICATION
Appearance	White crystals
Loss on Drying	≤ 0.5%
Specific Rotation	66.30° – 66.80°
Insoluble Matter	< 50 ppm
Sulfate	< 50 ppm
Iron	< 5 ppm
Glucose	< 0.1%
Chlorides	< 50 ppm
Heavy Metals (as Pb)	< 5 ppm

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.