

Product name: SUCROSE PURE

Article No.	552809
Grade	Extra Pure
Purity	
CAS No.	57-50-1
Molecular Formula	$C_{12}H_{22}O_{11}$
Molecular Weight	342.30
H.S. Code	1701.9990
Shelf Life	60 Months

- **Physical properties**

Physical State at 20°C	Solid
Color	Colorless crystals
Odour	Odorless
pH value	5.5 - 7 at 342 g/l at 25°C
Melting point/ Freezing point [°C]	185 - 187 °C
Flash point [°C]	93.3°C

- Specifications**

Appearance	An almost white or colorless crystals, dry crystalline powder; odorless; taste, sweet
Identification	To comply IP test
Acidity or alkalinity	Not more than 0.6 mL of 0.01 M sodium hydroxide is required to change the color of the solution to pink
Specific optical rotation ([α] _{25/D} ; 10% w/v in water)	+65.9° to +67.0°
Barium (Ba)	To comply IP test
Calcium (Ca)	To comply IP test
Heavy metal (as Pb)	Max 0.001%
Sulphite	To comply IP test
Dextrins	To comply IP test
Glucose and invert sugar	To comply IP test
Coloring matter	To comply IP test
Sulphated ash	Max 0.1%
Packing	500 gm - 1 Kg