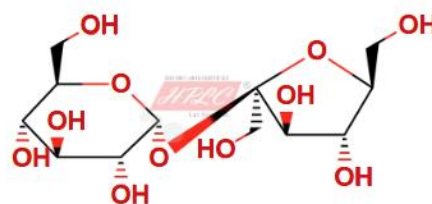




# SUCROSE FOR MOLECULAR BIOLOGY

**CAT. NO.** : MB0191  
**GRADE** : MB  
**CAS NO.** : 57-50-1  
**FORMULA** :  $C_{12}H_{22}O_{11}$   
**M.W.** : 342.30



Specific Rotation  $[\alpha]^{20}_D$   
 (C=10, water)

+66.4° to +66.6°

ISO 9001:2015 CERTIFIED

## Maximum limits of impurities:

Loss on drying	0.05%
Sulphated ash	0.005%
Max. absorbance (1M in water)	Lab Reagents
260 nm	0.11
280 nm	0.08
Reducing sugars ( $C_6H_{12}O_6$ )	0.01%
Nitrogen compounds (N)	0.002%
Sulphate ( $SO_4$ )	0.002%
Chloride (Cl)	0.0005%
Iron (Fe)	0.0001%
Heavy metals (as Pb)	0.0001%
Copper (Cu)	0.0001%
DNase, RNase, Protease	Not detected

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.

