



SPECIFICATION

Product Code: 26300



Product Name: SUCROSE AR

$C_{12}H_{22}O_{11}$

M.W. 342.30

Specific rotation $[\alpha]^{20}_D$ (10.0%
w/v aqueous solution) +66.4° to +66.6°

Maximum Limits of Impurities:

Insoluble matter	0.003%
Loss on drying at 100°C	0.05%
Sulphated ash	0.005%
Chloride (Cl)	0.0005%
Nitrogen compounds (N)	0.002%
Sulphate (SO ₄)	0.002%
Copper (Cu)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Reducing sugars (C ₆ H ₁₂ O ₆)	0.01%

(Used in buffers for low solid concentration large pore polyacrylamide gels.

This results in improved handling characteristics of the gels it is also used as thickener for sample solution to prevent in homogeneity due to convection it is useful in clarifying and layering of Samples.)

CAS No. : 57-50-1

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