



TECHNICAL DATA SHEET

Product	Sorbitol
CAS	50-70-4
Molecular Formula	C ₆ H ₁₄ O ₆
Molecular Weight	182.17
EINECS Number	200-061-5

Specification :

ITEM	STANDARD LIMITS
Appearance	Colorless, transparent viscous liquid
Water %	27.5-32.5
Refractive index	1.4590-1.4620
Density	≥1.290
Reducing sugar%	≤0.15
Total sugar%	6.0-10.0
pH	5.0-7.5
Nickel%	≤0.0001
Oxide%	≤0.001
Sulfate%	≤0.002
Heavy metals (Pb)%	≤0.0001
Arsenic salt (As ₂ O ₃)%	≤0.0001
Burning residue%	≤0.10
Total number of colonies cfu/mL	≤100
Solid content %	67.5-72.5
Mannitol content (accounting for dry matter)%	≤8.0
Sorbitol content (accounting for dry matter)%	71-83

Packaging :

200L/drum or pack as customer requirements.

Application:

It is widely used in industrial fields such as food, medicine, toothpaste, cosmetics, cigarettes, surfactants, textiles, and papermaking.

Shelf Life:

2 years in original packaging containers.