



# SORBITOL-IP



Sorbitol is a naturally occurring polyhydric alcohol with about half the sweetness of sucrose. This water soluble non-reactive sweetener is compatible with active ingredients and is an ideal carrier in pharmaceutical formulations to improve taste, body and mouthfeel.

HL Agro offers a premium grade of sorbitol which is non toxic, non hazardous and chemically inert. It is a versatile excipient and key ingredient for the pharmaceutical, cosmetics, paint and various other industries.

## APPEARANCE:

Clear, Colorless  
Viscous, Syrupy Liquid

## ODOUR:

Neutral

## SOLUBILITY:

Miscible with Water

## FUNCTION:

Sweetener,  
Stabilizer, Plasticizer;  
Tablet/Capsule Diluent

## TASTE:

Sweet



## LEADING CLAIMS:





# TECHNICAL ASPECTS

## (HLAP's GUARANTEE)

- Description – Clear, Colorless or Faintly Yellow, Syrupy Liquid
- Identification
  - A. As per I.P
  - B. As per I.P
  - Optical Rotation –  $+1.500$  to  $+3.500$
  - C. As per I.P
- Apperance of Solution – As per IP
- Conductivity –  $\geq 10\mu\text{S cm}^{-1}$
- Lead –  $\geq 0.5\text{ppm}$
- Nickel –  $\geq 1.0\text{ppm}$
- Reducing sugar – Shall require  $\geq 12.8\text{ml}$  of  $0.05\text{M}$  Sodium Thiosulphate
- Reducing sugar after hydrolysis – Shall require  $\leq 8.0\text{ml}$  of  $0.05\text{M}$  Sodium Thiosulphate
- Water –  $\geq 28.0\%$  and  $\geq 32.0\%$
- Assay for solid matter –  $68$  to  $72\%$  w/w
- D-Glucitol (Polyols) –  $72-92\%$  w/w (on anhydrous basis)

# APPLICATIONS

- Excipient & bulking agent in tablets and capsules.
- Adds body & volume to pharmaceutical syrups and elixirs.
- Bulk sweetener in oral liquids.
- Osmotive laxative for therapeutic treatments.
- Effective medium for drug administration.
- Widely used in cosmetics, both as a humectant and as an emollient.
- Dispensing agent/humectant in textiles.
- Key ingredient in the formulation of resin in paint industries.



## PACKAGING

HDPE drums 300kg (net)  
& Insulated Tankers. Load  
ability in 20Ft container  
= 24 MT (300x80).



## STORAGE

Preserve at Ambient  
temperature in tightly closed  
containers, away from damp  
surfaces & direct sunlight.



## SHELF LIFE

60 months from the  
date of manufacture,  
if stored correctly.

Address: 7/105-C (2), Block B, Swaroop Nagar, Kanpur - 208002, Uttar Pradesh.

☎ 1800 890 3413 | ✉ info@hlagro.com | 🌐 www.hlagro.com