

SORBITOL

NON-CRYSTALLINE



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

SOLUBILITY:
Miscible with Water

TASTE:
Sweet

ODOUR:
Neutral

FUNCTION:
Sweetener,
Stabilizer, Plasticizer;
Tablet/Capsule Diluent

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 0.05M Sodium Thiosulphate
- Reducing sugar after hydrolysis – Shall require $\leq 8.0\text{ml}$ of 0.05M 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.
- Osmotic 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.

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