

# SORBITOL

A VERSATILE POLYOL

## Description

Sorbitol, also known as D-sorbitol, D-Glucitol or D-glucose hexanehexol, is a hexahydric sugar alcohol. Sorbitol is commercially manufactured by the high pressure hydrogenation of dextrose solutions using a nickel catalyst.

## Specification

**Appearance** ..... Clear, Colourless, Syrupy Liquid Miscible with water

### Identification

(A) ..... Complies

(B) Optical Rotation ..... Between +1.5 and 3.5 deg

(C) ..... Complies

**Appearance of solution** ..... Complies

**Conductivity** ..... Not more than 10 microsiemens

**Reducing Sugars** ..... Max 0.2%

**Reducing Sugars After Hydrolysis** ..... Max 9.3%

## Purity

**Lead** ..... Maximum 0.5 ppm

**Nickel** ..... Maximum 1 ppm

## Assay

**Water** ..... Between 28.0 % and 32.0 %

**Anhydrous Substance** ..... Between 68.0 % to 72.0 %

**D-glucitol (D-sorbitol)** ..... Between 72 % to 92 %  
(Anhydrous Substance)

## Microbiology

**Total Viable Count** ..... Not more than 100 cfu/gm

**Yeast & Mold** ..... Not more than 10 cfu/gm

**Specific Pathogens** ..... Absent

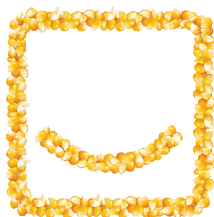
## Certificate

☒ ISO 22000

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