

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001270-01)

Release Date: 03/03/2025

Re-test Date: 02/03/2028

## Isosorbide

### Identification

**Chemical Name :**

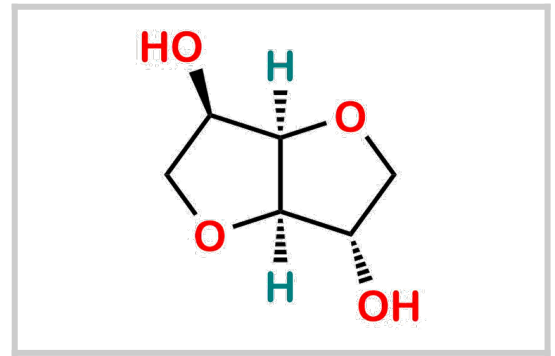
1,4:3,6-Dianhydro-D-glucitol; 1,4:3,6-Dianhydro-sorbitol; (+)-D-Isosorbide; Devicoran; Hydronol; Ismotic; Isobide;

CAT No. : KMM001270

CAS No. : 652-67-5

Molecular Formula : C<sub>6</sub>H<sub>10</sub>O<sub>4</sub>

Molecular Weight : 146.1



### Analytical Information

Batch No. : M001270-091-238

Description : Light Yellow Solid

GC Purity : 99.65

Weight Loss By KF : 0.99 %

% Potency : 98.66 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.99(Weight Loss By KF)] x [99.65(GC Purity)]/100 = 98.66 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/03/2025

Attachments : COA, GC, MASS, 1HNMR, IR and KF