# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001270-01)

**Release Date:** 03/03/2025 **Re-test Date:** 02/03/2028

## Isosorbide

## Identification

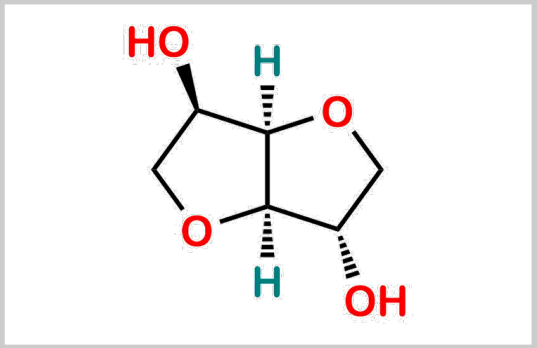
**Chemical Name** :
1,4:3,6-Dianhydro-D-glucitol; 1,4:3,6-Dianhydro-sorbitol; (+)-D-Isosorbide; Devicoran; Hydronol; Ismotic; Isobide;

**CAT No.** : KMM001270

**CAS No.** : 652-67-5

**Molecular Formula** : C6H10O4

**Molecular Weight** : 146.1




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : M001270-091-238 | **Solubility** | : Methanol |
| **Description** | : Light Yellow Solid | **Mass** | : Confirm |
| **GC Purity** | : 99.65 | **IR** | : Confirm |
| **Weight Loss By KF** | : 0.99 % | **1H NMR** | : Confirm |
| **% Potency** | : 98.66 % | | |

## 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