

CERTIFICATE OF ANALYSIS

(Certificate No. KMI070006-01)

Release Date: 04/05/2026

Re-test Date: 03/05/2029

ISOSORBIDE-2-MONONITRATE

Identification

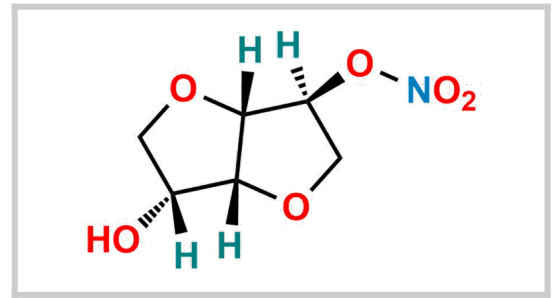
Chemical Name :
1,4:3,6-Dianhydro-D-glucitol 2-nitrate (isosorbide 2-nitrate)

CAT No. : KMI070006

CAS No. : 16106-20-0

Molecular Formula : C₆H₉NO₆

Molecular Weight : 191.1



Analytical Information

Batch No. : I070006-114-288

Description : Light Yellow Semi Solid

HPLC Purity : 99.60 %

Weight Loss By TGA : 0.92 %

% Potency : 98.68 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 0.92(Weight Loss By TGA)] x [99.60(HPLC Purity)]/100 = 98.68 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		04/05/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA