CERTIFICATE OF ANALYSIS

(Certificate No. KMI070006-01)

Release Date: 04/05/2026 **Re-test Date:** 03/05/2029

ISOSORBIDE-2-MONONITRATE

Identification

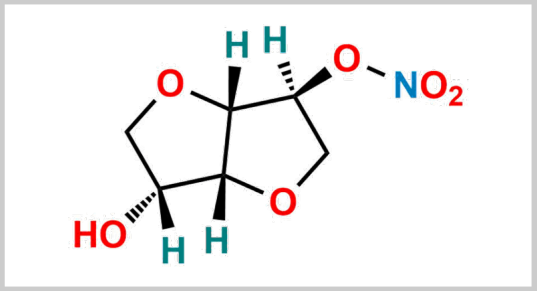
Chemical Name :
1,4:3,6-Dianhydro-D-glucitol 2-nitrate (isosorbide 2-nitrate)

CAT No. : KMI070006

CAS No. : 16106-20-0

Molecular Formula : C6H9NO6

Molecular Weight : 191.1



Analytical Information

Batch No.	: I070006-114-288	**Solubility**	: ACN
Description	: Light Yellow Semi Solid	**Mass**	: Confirm
HPLC Purity	: 99.60 %	**IR**	: Confirm
Weight Loss By TGA	: 0.92 %	**1H NMR**	: Confirm
% Potency	: 98.68 %		

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, 1HNMR, IR and TGA