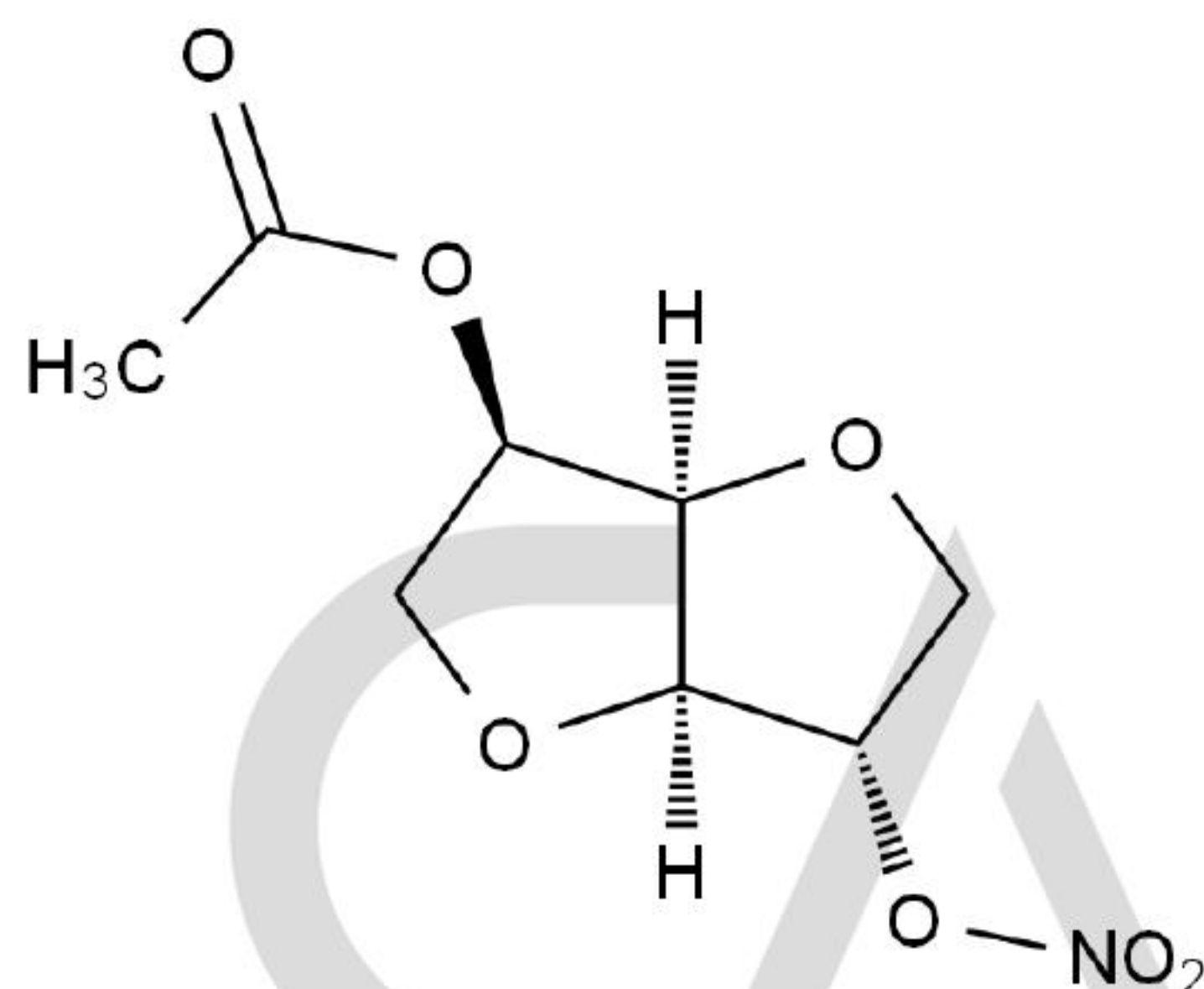


Certificate of Analysis

Reference Material & Standard

Product Name:	Isosorbide Dinitrate Impurity 8	Catalogue Number:	C4X-22388
Synonyms:	N/A	Lot Number:	1224-RG-0062
CAS Number:	39698-15-2	Expiry Date:	Dec 28, 2029
Molecular Formula:	C ₈ H ₁₁ NO ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	233.18	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.961%
Loss On Drying	TGA	0.2929%
Assay		97.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 29, 2025

Date: Dec 29, 2025

Date: Dec 29, 2025



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