

CERTIFICATE OF ANALYSIS

(Certificate No. KMN003009-01)

Release Date: 21/08/2024

Re-test Date: 20/08/2027

FURFURYL HYDANTOIC ACID

Identification

Chemical Name :

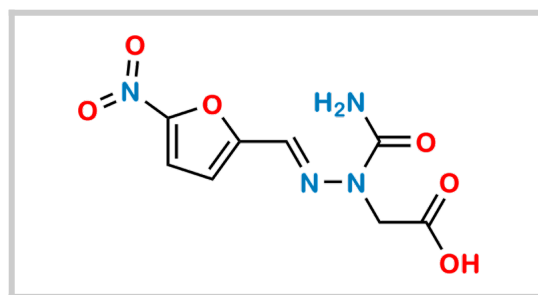
N-Carbamoyl-N-(((5-nitrofuran-2-yl)methylene)amino)glycine

CAT No. : KMN003009

CAS No. : 63981-22-6

Molecular Formula : C₈H₈N₄O₆

Molecular Weight : 256.2



Analytical Information

Batch No. : NIT-IMPA-073-344

Description : Yellow Solid

HPLC Purity : 99.68 %

Weight Loss By TGA : 0.05 %

% Potency : 99.63 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.05(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.63 %

-¹³C NMR Analysis added on 23.07.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/07/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA