CERTIFICATE OF ANALYSIS

(Certificate No. KMN003009-01)

Release Date: 21/08/2024 **Re-test Date:** 20/08/2027

FURFURYL HYDANTOIC ACID

Identification

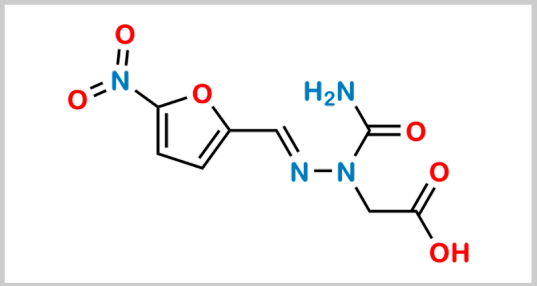
Chemical Name :
N-Carbamoyl-N-(((5-nitrofuran-2-yl)methylene)amino)glycine

CAT No. : KMN003009

CAS No. : 63981-22-6

Molecular Formula : C8H8N4O6

Molecular Weight : 256.2



Analytical Information

Batch No.	: NIT-IMPA-073-344	**Solubility**	: DMSO
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.68 %	**IR**	: Confirm
Weight Loss By TGA	: 0.05 %	**1H NMR**	: Confirm
% Potency	: 99.63 %	**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		23/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		23/07/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA