CERTIFICATE OF ANALYSIS

(Certificate No. KMN006038-01)

Release Date: 29/10/2025 **Re-test Date:** 28/10/2028

Norepinephrine Cyclized Impurity

Identification

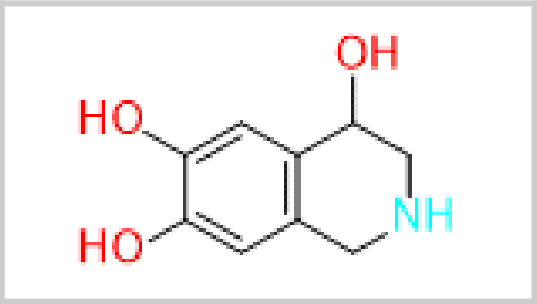
Chemical Name :
1,2,3,4-Tetrahydroisoquinoline-4,6,7-triol

CAT No. : KMN006038

CAS No. : Not Available

Molecular Formula : C9H11NO3

Molecular Weight : 181.2



Analytical Information

Batch No.	: N006038-102-355	**Solubility**	: Water
Description	: Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.96 %	**IR**	: Confirm
Weight Loss By TGA	: 1.41 %	**1H NMR**	: Confirm
% Potency	: 98.55 %	**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 - 1.41(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 98.55 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/10/2025

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