## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN006038-01)

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

# **Norepinephrine Cyclized Impurity**

### **Identification**

**Chemical Name:** 

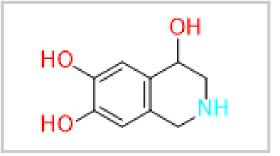
1,2,3,4-Tetrahydroisoquinoline-4,6,7-triol

**CAT No.** : KMN006038

**CAS No.** : Not Available

Molecular Formula : C9H11NO3

**Molecular Weight** : 181.2



### **Analytical Information**

Batch No. **Solubility** : N006038-102-355 : Water : Brown Solid : Confirm **Description** Mass **HPLC Purity** : 99.96 % IR : Confirm Weight Loss By TGA : Confirm : 1.41 % 1H NMR % 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