

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN089006-01)

Release Date: 29/11/2024

Re-test Date: 28/11/2027

## Noradrenaline EP Impurity D

### Identification

**Chemical Name :**  
4-[(1R)-2-Amino-1-methoxyethyl]benzene-1,2-diol

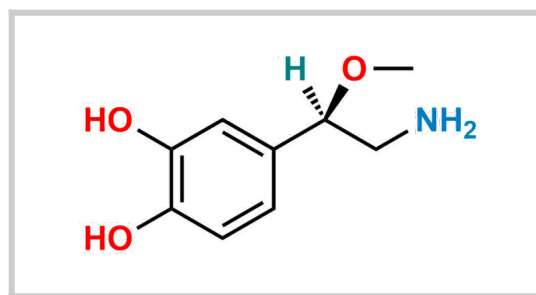
**Alt. Name :** Noradrenaline Methyl Ether

**CAT No. :** KMN089006

**CAS No. :** 1932110-67-2

**Molecular Formula :** C9H13NO3

**Molecular Weight :** 183.2



### Analytical Information

**Batch No. :** N089006-091-048

**Description :** Off White Solid

**HPLC Purity :** 99.62 %

**Weight Loss By TGA :** 1.08 %

**% Potency :** 98.54 %

**Solubility :** Methanol

**Mass :** Confirm

**IR :** Confirm

**<sup>1</sup>H 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 =**  $[100 - 1.08(\text{Weight Loss By TGA})] \times [99.62(\text{HPLC Purity})]/100 = 98.54 \%$

**Recommendation :** Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/02/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/02/2025

**Attachments :** COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA