

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD027007-01)

Release Date: 13/09/2024

Re-test Date: 12/09/2027

## 3-O-METHYLDOPAMINE

### Identification

**Chemical Name :**

4-(2-Aminoethyl)-2-methoxyphenol (as per EP)

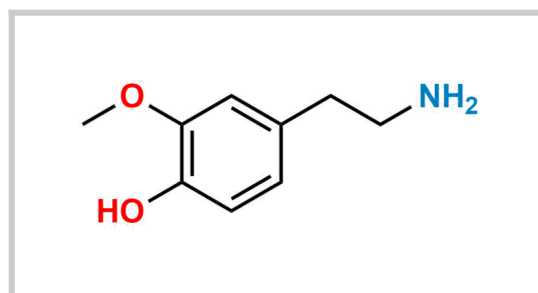
**Alt. Name** : 3-O-methyldopamine

**CAT No.** : KMD027007

**CAS No.** : 554-52-9

**Molecular Formula** : C<sub>9</sub>H<sub>13</sub>NO<sub>2</sub>

**Molecular Weight** : 167.2



### Analytical Information

**Batch No.** : D027007-073-369

**Solubility** : Methanol

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 99.80 %

**IR** : Confirm

**Weight Loss By TGA** : 1.17 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 98.63 %

### 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 - 1.17(Weight Loss By TGA)] x [99.80(HPLC Purity)]/100 = 98.63 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/09/2024

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