

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD027006-01)

Release Date: 13/09/2024

Re-test Date: 12/09/2027

## 4-O-METHYLDOPAMINE

### Identification

**Chemical Name :**  
5-(2-Aminoethyl)-2-methoxyphenol (as per EP)

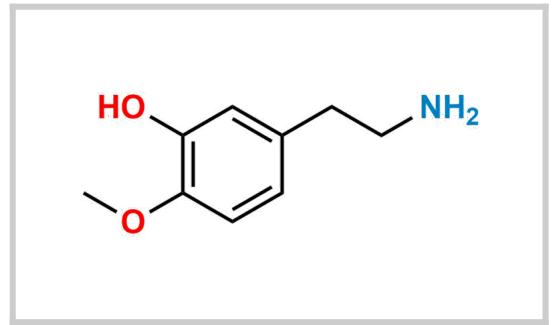
**Alt. Name** : Dopamine USP Related Compound A  
; 4-O-methyldopamine

**CAT No.** : KMD027006

**CAS No.** : 3213-30-7

**Molecular Formula** : C9H13NO2

**Molecular Weight** : 167.2



### Analytical Information

**Batch No.** : D027006-073-368

**Description** : Brown Solid

**HPLC Purity** : 99.01 %

**Weight Loss By TGA** : 0.90 %

**% Potency** : 98.12 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

**1H 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** =  $[100 - 0.90(\text{Weight Loss By TGA})] \times [99.01(\text{HPLC Purity})]/100 = 98.12 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		14/09/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		14/09/2024

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA