

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)

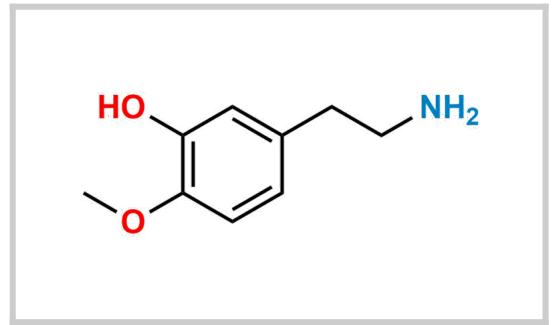
Alt. Name : Dopamine USP Related Compound A
; 4-O-methyldopamine

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
Prepared By	Analytical	Jignesh Patel		14/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/09/2024

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