

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.

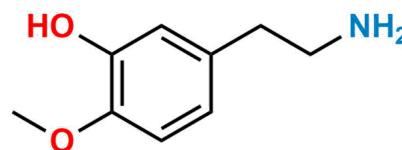
: 3213-30-7

Molecular Formula

: C₉H₁₃NO₂

Molecular Weight

: 167.2



Analytical Information

Batch No.

: D027006-073-368

Solubility

: Water

Description

: Brown Solid

Mass

: Confirm

HPLC Purity

: 99.01 %

IR

: Confirm

Weight Loss By TGA

: 0.90 %

¹H NMR

: Confirm

% Potency

: 98.12 %

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(Weight Loss By TGA)] x [99.01(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