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)

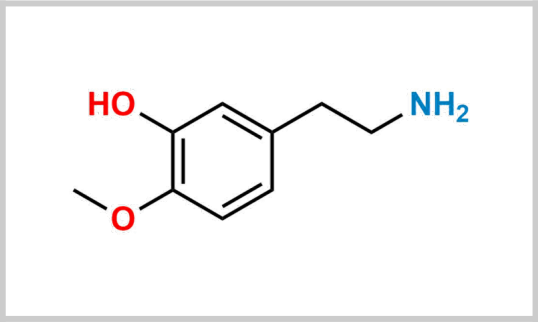
Alt. Name : Dopamine USP Related Compound A ; 4-O-methyldopamine

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