

CERTIFICATE OF ANALYSIS

(Certificate No. KMD027001-01)

Release Date: 12/07/2024

Re-test Date: 11/07/2027

Dopamine Standard

Identification

Chemical Name :

4-(2-aminoethyl)benzene-1,2-diol hydrochloride

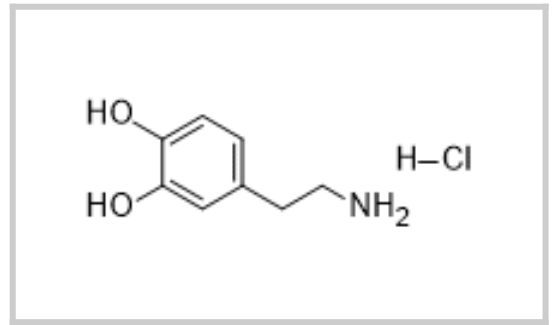
Alt. Name : 4-(2-aminoethyl)benzene-1,2-diol hydrochloride

CAT No. : KMD027001

CAS No. : 62-31-7

Molecular Formula : C₈H₁₁NO₂ : HCl

Molecular Weight : 153.18 : 36.5



Analytical Information

Batch No. : DOP-PRS-073-289

Solubility : Methanol

Description : White Solid

Mass : Confirm

HPLC Purity : 99.98 %

IR : Confirm

Weight Loss By TGA : 0.68 %

¹H NMR : Confirm

% Potency : 99.3 %

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 - 0.68(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 99.3 %

Remarks: Prepare fresh sample for HPLC

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		16/07/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA