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

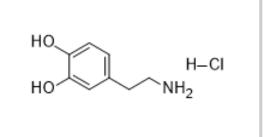
hydrochloride

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 : 99.98 % **HPLC Purity** 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, 1HNMR, IR and TGA