CERTIFICATE OF ANALYSIS

(Certificate No. KMD027001-01)

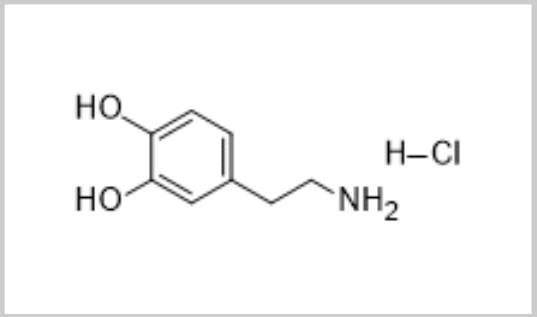
Release Date: 12/07/2024 **Re-test Date:** 11/07/2027

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, 1HNMR, IR and TGA