

CERTIFICATE OF ANALYSIS

(Certificate No. KMM020017-01)

Release Date: 29/03/2026

Re-test Date: 28/03/2029

Desmethyl Mirtazapine (Free Base)

Identification

Chemical Name :

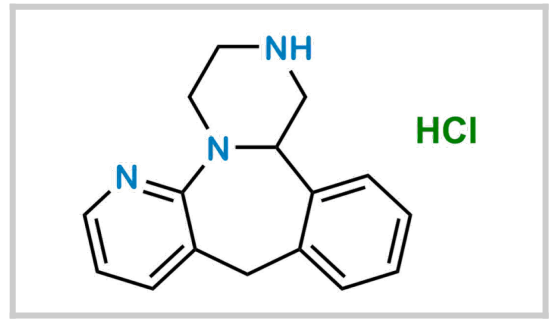
(14bRS)-1,2,3,4,10,14b-hexahydropyrazino[2,1-a]pyrido[2,3-c][2]benzazepine hydrochloride (as per EP)

CAT No. : KMM020017

CAS No. : 1188265-41-9

Molecular Formula : C₁₆H₁₇N₃ : HCl

Molecular Weight : 251.3 : 36.5



Analytical Information

Batch No. : M020017-120

Description : Off white solid

HPLC Purity : NLT 95.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 95 %

Solubility : Acetonitrile :
Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/03/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA