CERTIFICATE OF ANALYSIS

(Certificate No. KMM012005-01)

Release Date: 08/10/2026 **Re-test Date:** 07/10/2029

Memantine Hydrochloride

Identification

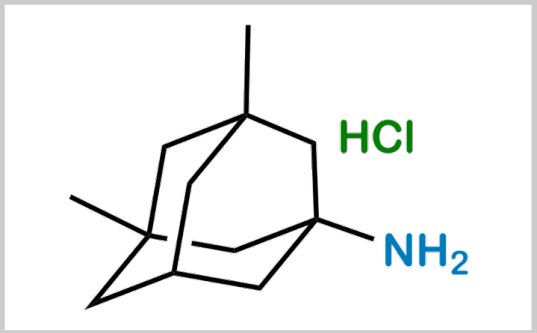
Chemical Name :
3,5-Dimethyltricyclo[3.3.1.13,7]decan-1-amine Hydrochloride

CAT No. : KMM012005

CAS No. : 41100-52-1

Molecular Formula : C12H21N : HCl

Molecular Weight : 179.3 : 36.5



Analytical Information

Batch No.	: M012005-136-246	**Solubility**	: Hexane
Description	: White Soild	**Mass**	: Confirm
GC Purity	: 100.00 %	**IR**	: Confirm
Weight Loss By TGA	: 1.63 %	**1H NMR**	: Confirm
% Potency	: 98.37 %	**13C 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 - 1.63(Weight Loss By TGA)] x [100.00(GC Purity)]/100 = 98.37 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Vekariya		08/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		08/10/2026

Attachments : COA, GC, MASS, 1HNMR, 13CNMR, IR and TGA