

CERTIFICATE OF ANALYSIS

(Certificate No. KMM012008-01)

Release Date: 25/03/2026

Re-test Date: 24/03/2029

Memantine USP Related Compound A

Identification

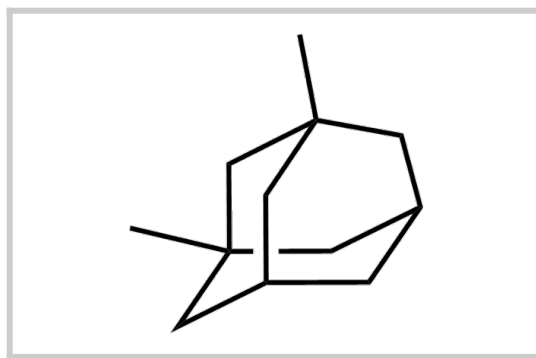
Chemical Name :
1,3-Dimethyladamantane

CAT No. : KMM012008

CAS No. : 702-79-4

Molecular Formula : C₁₂H₂₀

Molecular Weight : 164.3



Analytical Information

Batch No. : M012008-114

Description : Colourless oil

HPLC Purity : NLT 95.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 95 %

Solubility : Acetonitrile

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 = $[100 - 0.1(\text{Weight Loss By TGA})] \times [95.1(\text{HPLC Purity})]/100 = 95 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		25/03/2026

Attachments : COA, LC-MS, Mass, ¹H NMR, IR and TGA