

CERTIFICATE OF ANALYSIS

(Certificate No. KMD001013-01)

Release Date: 28/01/2026

Re-test Date: 27/01/2029

Dextromethorphan Hydrobromide USP^{RS}

Identification

Chemical Name :

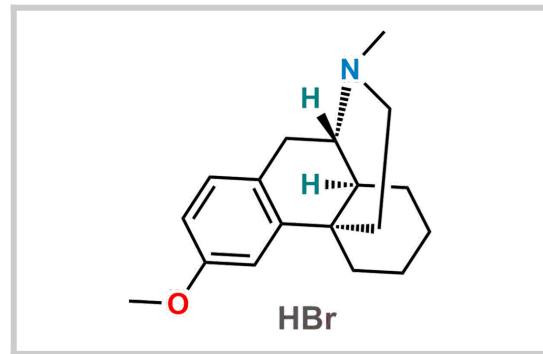
Ent-3-Methoxy-17-methylmorphinan hydrobromide

CAT No. : KMD001013

CAS No. : 125-69-9

Molecular Formula : C₁₈H₂₅NO : HBr

Molecular Weight : 271.4 : 80.9



Analytical Information

Batch No. : D001013-114-120

Solubility : ACN

Description : White Solid

Mass : Confirm

HPLC Purity : 99.43 %

IR : Confirm

Weight Loss By TGA : 1.18 %

1H NMR : Confirm

% Potency : 98.26 %

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 - 1.18(Weight Loss By TGA)] x [99.43(HPLC Purity)]/100 = 98.26 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/01/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13C NMR, IR and TGA