

CERTIFICATE OF ANALYSIS

(Certificate No. KMD001002-01)

Release Date: 18/03/2024

Re-test Date: 17/03/2027

N-Nitroso Desmethyl Dextromethorphan

Identification

Chemical Name :

(4bS,8aS,9S)-3-methoxy-11-nitroso-6,7,8,8a,9,10-hexahydro-5H-9,4b-(epiminoethano)phenanthrene

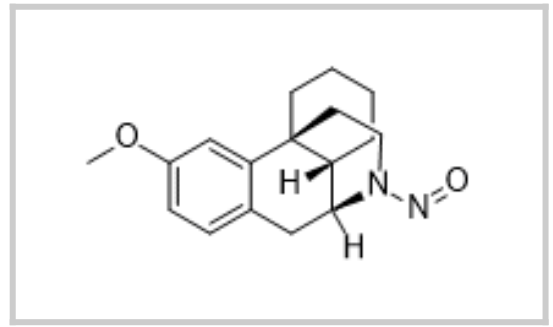
Alt. Name : N-Nitroso Dextromethorphan EP
Impurity A

CAT No. : KMD001002

CAS No. : Not Available

Molecular Formula : C₁₇H₂₂N₂O₂

Molecular Weight : 286.37



Analytical Information

Batch No. : DEX-DES-NO-073-121

Solubility : ACN : Water (1:1)

Description : Light Yellow Semi Solid

Mass : Confirm

HPLC Purity : 99.78 %

IR : Confirm

Weight Loss By TGA : 2.06 %

¹H NMR : Confirm

% Potency : 97.72 %

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 = $[100 - 2.06(\text{Weight Loss By TGA})] \times [99.78(\text{HPLC Purity})]/100 = 97.72 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/04/2024

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