CERTIFICATE OF ANALYSIS

(Certificate No. KMD001002-01)

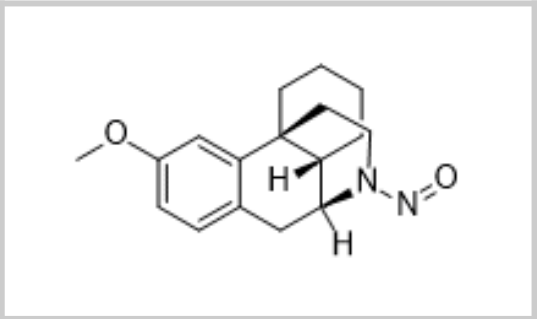
Release Date: 28/10/2026 **Re-test Date:** 27/10/2029

N-NITROSO N-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	: 99.38 %	**IR**	: Confirm
Weight Loss By TGA	: 3.01 %	**1H NMR**	: Confirm
% Potency	: 96.39 %	**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 - 3.01(Weight Loss By TGA)] x [99.38(HPLC Purity)]/100 = 96.39 %
-13C NMR added on 02.02.2026
-Re-tested on 28.10.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		28/10/2026

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