

CERTIFICATE OF ANALYSIS

(Certificate No. KMP005001-01)

Release Date: 28/03/2024

Re-test Date: 27/03/2027

N-Nitroso DesmethyI Promethazine

Identification

Chemical Name :

N-(1-(10H-phenothiazin-10-yl)propan-2-yl)-N-methylnitrous amide (Mixture of E/Z Isomer)

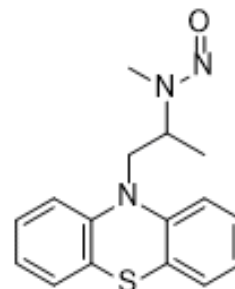
Alt. Name : N-Nitroso Promethazine EP Impurity C

CAT No. : KMP005001

CAS No. : 94511-44-1

Molecular Formula : C₁₆H₁₇N₃O₃

Molecular Weight : 299.39



Analytical Information

Batch No. : PRO-EPC-NO-073-117

Solubility : ACN

Description : Light Brown Solid

Mass : Confirm

HPLC Purity : 99.92 %

IR : Confirm

Weight Loss By TGA : 0.07 %

¹H NMR : Confirm

% Potency : 99.85 %

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 - 0.07(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 99.85 %
-Mixture of Isomers

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, ¹HNMR, ¹³CNMR, IR and TGA