

CERTIFICATE OF ANALYSIS

(Certificate No. KMC014001-01)

Release Date: 30/03/2024

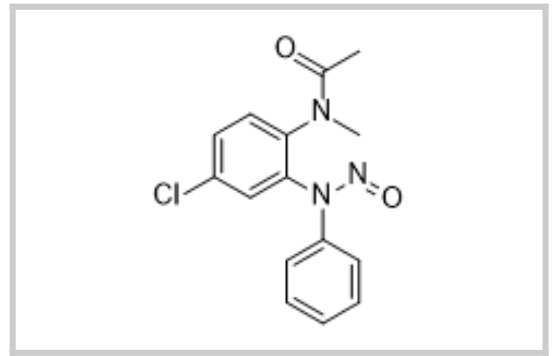
Re-test Date: 29/03/2027

N-[4-chloro-2-(phenylamino)phenyl]-N-methylacetamide Nitroso Impurity

Identification

Chemical Name :
N-(4-chloro-2-(nitroso(phenyl)amino)phenyl)-N-methylacetamide

CAT No. : KMC014001
CAS No. : Not Available
Molecular Formula : C₁₅H₁₄ClN₃O₂
Molecular Weight : 303.74



Analytical Information

Batch No.	: CLO-EPE-NO-073-137	Solubility	: ACN
Description	: Yellow Solid	Mass	: Confirm
HPLC Purity	: 96.78 %	IR	: Confirm
Weight Loss By TGA	: 0.05 %	¹H NMR	: Confirm
% Potency	: 96.73 %	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 - 0.05(Weight Loss By TGA)] x [96.78(HPLC Purity)]/100 = 96.73 %
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