

# 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 :**

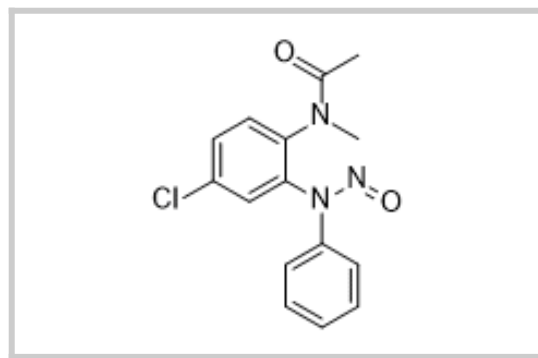
N-(4-chloro-2-(nitroso(phenyl)amino)phenyl)-N-methylacetamide

CAT No. : KMC014001

CAS No. : Not Available

Molecular Formula : C<sub>15</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>2</sub>

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 %

<sup>1</sup>H NMR : Confirm

% Potency : 96.73 %

<sup>13</sup>C 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, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA