

# CERTIFICATE OF ANALYSIS

(Certificate No. KML024001-01)

Release Date: 25/01/2024

Re-test Date: 24/01/2027

## N-Nitroso Lidocaine EP Impurity D

### Identification

**Chemical Name :**

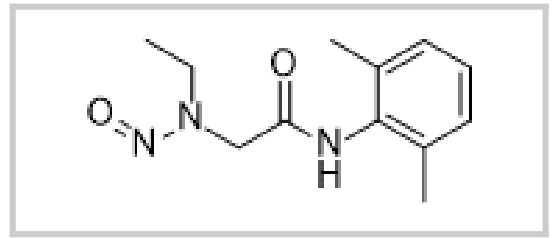
N-(2,6-Dimethylphenyl)-2-(ethyl(nitroso)amino)acetamide (Mixture of E/Z Isomer)

CAT No. : KML024001

CAS No. : Not Available

Molecular Formula : C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight : 235.28



### Analytical Information

Batch No. : LID-EPD-NO-073-044

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.81 %

IR : Confirm

Weight Loss By TGA : 0.28 %

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

% Potency : 99.53 %

### 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 - 0.28(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 99.53 %

Remarks : COA Re-generated on 24.04.2024

-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		22/10/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA