

CERTIFICATE OF ANALYSIS

(Certificate No. KML004001-01)

Release Date: 20/02/2024

Re-test Date: 19/02/2027

N-Nitroso Labetalol

Identification

Chemical Name :

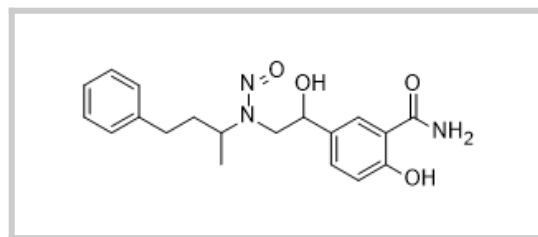
2-hydroxy-5-(1-hydroxy-2-(nitroso(4-phenylbutan-2-yl)amino)ethyl)benzamide (Mixture of Isomer)

CAT No. : KML004001

CAS No. : 2820170-74-7

Molecular Formula : C₁₉H₂₃N₃O₄

Molecular Weight : 357.40



Analytical Information

Batch No. : LAB-N-NO-030-166

Description : Light Yellow Solid

HPLC Purity : 94.53 %

Weight Loss By TGA : 0.42 %

% Potency : 94.13 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 0.42(Weight Loss By TGA)] x [94.53(HPLC Purity)]/100 = 94.13 %
-Mixture of Isomers

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|-------------|-----------|------------|
| Prepared By | Analytical | Parag Patel | | 20/02/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 20/02/2024 |

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