

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS009063-01)

Release Date: 30/12/2023

Re-test Date: 29/12/2026

## N-Nitroso Salbutamol

### Identification

**Chemical Name :**

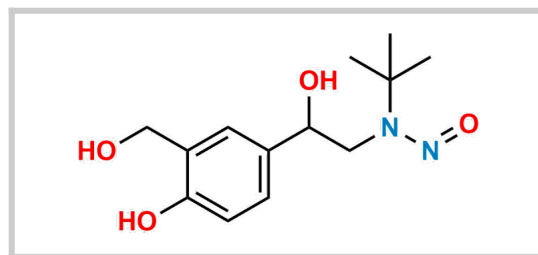
N-(Tert-butyl)-N-(2-hydroxy-2-(4-hydroxy-3-(hydroxymethyl)phenyl)ethyl)nitrous amide

CAT No. : KMS009063

CAS No. : 2919946-71-5

Molecular Formula : C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 268.3



### Analytical Information

Batch No. : SAL-N-NO-073-010

Description : Light Brown Solid

HPLC Purity : 98.40 %

Weight Loss By TGA : 0.01 %

% Potency : 98.39 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.01(Weight Loss By TGA)] x [98.40(HPLC Purity)]/100 = 98.39 %

Recommendation : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 07/08/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 07/08/2025 |

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