# CERTIFICATE OF ANALYSIS

(Certificate No. KMS009063-01)

**Release Date:** 13/03/2026 **Re-test Date:** 12/03/2029

## N-Nitroso Albuterol

## Identification

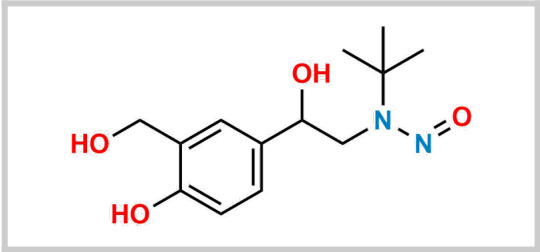
**Chemical Name** :
N-(Tert-butyl)-N-(2-hydroxy-2-(4-hydroxy-3-(hydroxymethyl)phenyl)ethyl)nitrous amide

**CAT No.** : KMS009063

**CAS No.** : 2919946-71-5

**Molecular Formula** : C13H20N2O4

**Molecular Weight** : 268.3




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : SAL-N-NO-073-010 | **Solubility** | : Acetonitrile |
| **Description** | : Light Brown Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 98.35 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.05 % | **1H NMR** | : Confirm |
| **% Potency** | : 98.3 % | **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 [98.35(HPLC Purity)]/100 = 98.3 %
-Re-tested on 13.03.2026

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 13/03/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 13/03/2026 |

**Attachments** : COA, HPLC, MASS, 1HNMR,13C NMR,IR and TGA