

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS009063-01)

Release Date: 13/03/2026

Re-test Date: 12/03/2029

## N-Nitroso Albuterol

### Identification

**Chemical Name :**

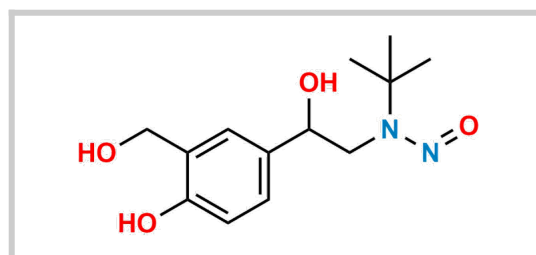
N-(Tert-butyl)-N-(2-hydroxy-2-(4-hydroxy-3-(hydroxymethyl)phenyl)ethyl)nitrous amide

CAT No. : KMS009063

CAS No. : 2919946-71-5

Molecular Formula : 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 : 98.35 %

Weight Loss By TGA : 0.05 %

% Potency : 98.3 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

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

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