

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB013016-01)

Release Date: 29/11/2023

Re-test Date: 28/11/2026

## N-Nitroso Bumetanide Impurity

### Identification

**Chemical Name :**

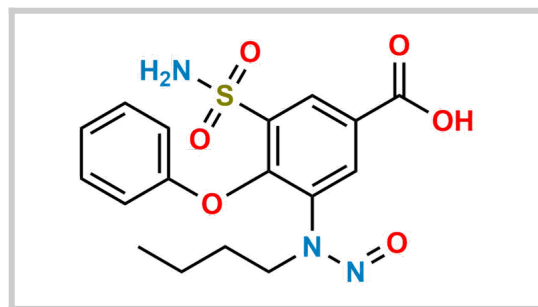
3-(Butyl(nitroso)amino)-4-phenoxy-5-sulfamoylbenzoic acid

CAT No. : KMB013016

CAS No. : 2490432-02-3

Molecular Formula : C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight : 393.4



### Analytical Information

Batch No. : BUM-N-NO-019-048

Description : Off White Solid

HPLC Purity : 97.89 %

Weight Loss By TGA : 1.34 %

% Potency : 96.58 %

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 - 1.34(Weight Loss By TGA)] x [97.89(HPLC Purity)]/100 = 96.58 %

Remarks : -Re-tested on 29.11.2023

-COA Re-generated on 21.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/09/2024

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