

CERTIFICATE OF ANALYSIS

(Certificate No. KMB013016-01)

Release Date: 29/11/2023

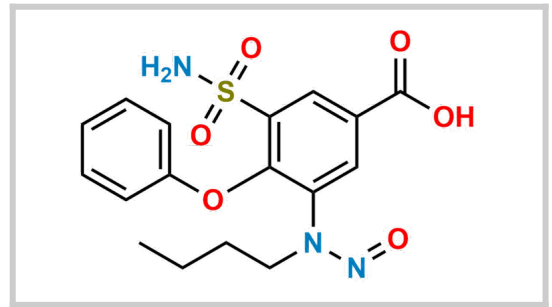
Re-test Date: 28/11/2026

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 : C₁₇H₁₉N₃O₆S
Molecular Weight : 393.4



Analytical Information

Batch No.	: BUM-N-NO-019-048	Solubility	: Acetonitrile
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 97.89 %	IR	: Confirm
Weight Loss By TGA	: 1.34 %	¹H NMR	: Confirm
% Potency	: 96.58 %	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 - 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, ¹H NMR, IR and TGA