

CERTIFICATE OF ANALYSIS

(Certificate No. KML006048-01)

Release Date: 07/01/2026

Re-test Date: 06/01/2029

BENZYL SULFONAMIDE LURASIDONE HCL

Identification

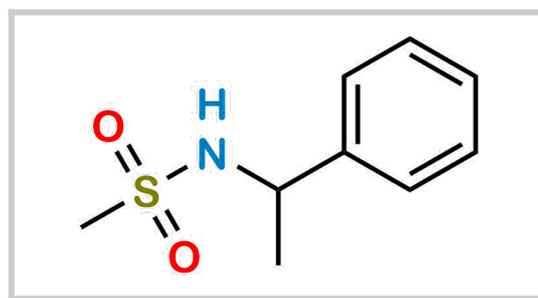
Chemical Name :
N-(1-phenylethyl)methanesulfonamide

CAT No. : KML006048

CAS No. : 221341-42-0

Molecular Formula : C₉H₁₃NO₂S

Molecular Weight : 199.3



Analytical Information

Batch No. : L006048-114-090

Description : Light Yellow Thick Syrup

HPLC Purity : 99.11 %

Weight Loss By TGA : 0.81 %

% Potency : 98.31 %

Solubility : Acetonitrile

Mass : Confirm as Na adduct

IR : Confirm

¹H NMR : Confirm

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 - 0.81(Weight Loss By TGA)] x [99.11(HPLC Purity)]/100 = 98.31 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		07/01/2026

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