

CERTIFICATE OF ANALYSIS

(Certificate No. KML006003-01)

Release Date: 14/08/2024

Re-test Date: 13/08/2027

Lurasidone Exo Imide Impurity

Identification

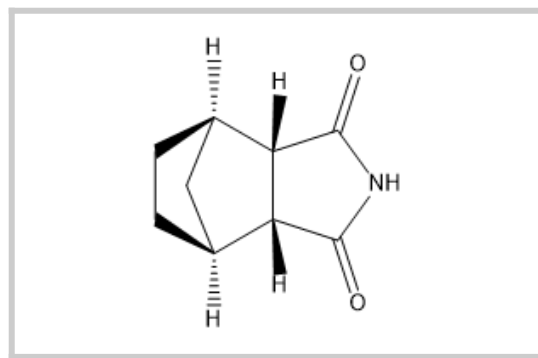
Chemical Name :
exo-Hexahydro-1H-4,7-methanoisindole-1,3(2H)-dione

CAT No. : KML006003

CAS No. : 14805-29-9

Molecular Formula : C₉H₁₁NO₂

Molecular Weight : 165.19



Analytical Information

Batch No. : LUR-EXO-KSM-073-328

Description : White Solid

HPLC Purity : 99.83 %

Weight Loss By TGA : 0.07 %

% Potency : 99.76 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 = $[100 - 0.07(\text{Weight Loss By TGA})] \times [99.83(\text{HPLC Purity})]/100 = 99.76 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/08/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA