

CERTIFICATE OF ANALYSIS

(Certificate No. KML006005-01)

Release Date: 14/08/2024

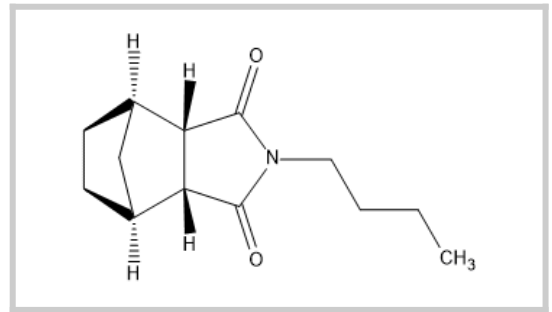
Re-test Date: 13/08/2027

Lurasidone LRSRC-5 Impurity

Identification

Chemical Name :
(3aR,4S,7R,7aS)-2-butylhexahydro-1H-4,7-methanoisindole-1,3(2H)-dione

CAT No. : KML006005
CAS No. : Not Available
Molecular Formula : C₁₃H₁₉NO₂
Molecular Weight : 221.30



Analytical Information

Batch No.	: LRSRC-5-073-339	Solubility	: ACN
Description	: Light Yellow Liquid	Mass	: Confirm
HPLC Purity	: 99.68 %	IR	: Confirm
Weight Loss By TGA	: 0.64 %	¹H NMR	: Confirm
% Potency	: 99.04 %		

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 - 0.64(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.04 %
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