

CERTIFICATE OF ANALYSIS

(Certificate No. KML006041-01)

Release Date: 01/08/2025

Re-test Date: 31/07/2028

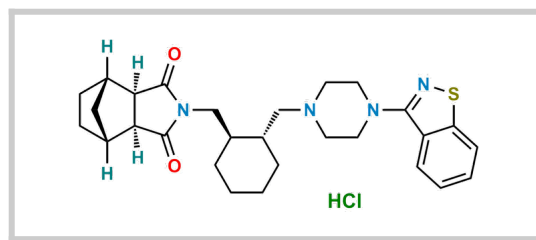
Lurasidone Hydrochloride PRS

Identification

Chemical Name :

(3aR,4S,7R,7aS)-2-[[[(1R,2R)-2-[[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]methyl]cyclohexyl]methyl]hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione Hydrochloride

CAT No. : KML006041
CAS No. : 367514-88-3
Molecular Formula : C₂₈H₃₆N₄O₂S : HCl
Molecular Weight : 492.7 : 36.5



Analytical Information

Batch No.	: AH/LURH-0525/001	Solubility	: Acetonitrile
Description	: White Solid	Mass	: Confirm
HPLC Purity	: 96.79 %	IR	: Confirm
Weight Loss By TGA	: 0.27 %	¹ H NMR	: Confirm
% Potency	: 96.53 %	¹³ C NMR	: Confirm

Additional Information

Long Term Storage : Store at Ambient temperature for long term storage
Shipping Condition : Product is stable to be Shipped at Room Temperature
% Potency = [100 - 0.27(Weight Loss By TGA)] x [96.79(HPLC Purity)]/100 = 96.53 %
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		01/08/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		01/08/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA