CERTIFICATE OF ANALYSIS

(Certificate No. KML006001-01)

Release Date: 05/03/2024 **Re-test Date:** 04/03/2027

Lurasidone Hydrochloride PRS

Identification

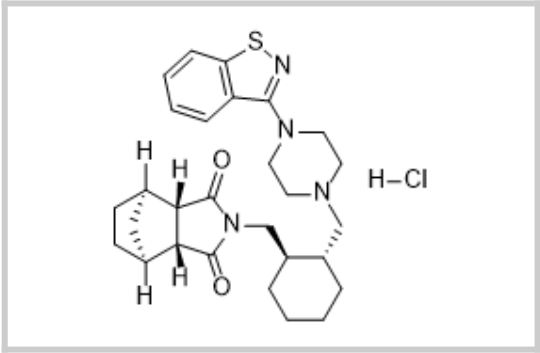
Chemical Name :
(3aR,4S,7R,7aS)-2-(((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)cyclohexyl)methyl)hexahydro-1H-4,7-methanoisoindole-1,3(2H)-dione hydrochloride

CAT No. : KML006001

CAS No. : 367514-88-3

Molecular Formula : C28H36N4O2S : HCl

Molecular Weight : 492.68 : 36.5



Analytical Information

Batch No.	: LUR-WRS-045-215	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.91 %	**IR**	: Confirm
Weight Loss By TGA	: 0.04 %	**1H NMR**	: Confirm
% Potency	: 99.87 %		

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 - 0.04(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.87 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		05/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/03/2024

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