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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

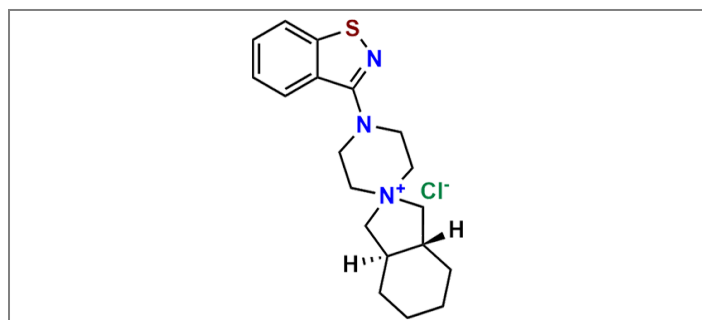
Re-test Date: Jan 2029

Product Name: Lurasidone Impurity 90

Identification:

Chemical Name: (3aR,7aR)-4'-(Benzo[d] isothiazol-3-yl)octahydro spiro[isoindole-2,1'- piperazin]-1'-ium chloride

Synonyms : NA
CAS Number : NA
CAT Number : CP-L4105
Molecular Formula : C₁₉H₂₆N₃S : Cl
Molecular Weight : 328.5 : 35.45
Batch Number : CP-24-279



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.92%
5)	¹ H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.