

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

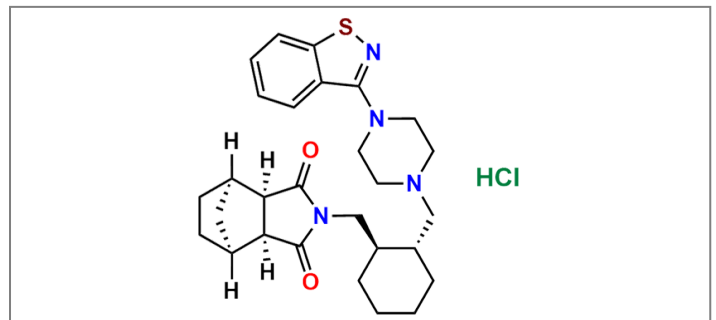
Re-test Date: Jan 2029

**Product Name: Lurasidone Impurity 91**

### Identification:

Chemical Name: (3aR,4R,7S,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

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-L4106  
Molecular Formula : C<sub>28</sub>H<sub>36</sub>N<sub>4</sub>O<sub>2</sub>S : HCl  
Molecular Weight : 492.68 : 36.5  
Batch Number : CP-36-84  
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	99.94%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.033%
8)	Potency by TGA	99.91%



#### 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.