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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

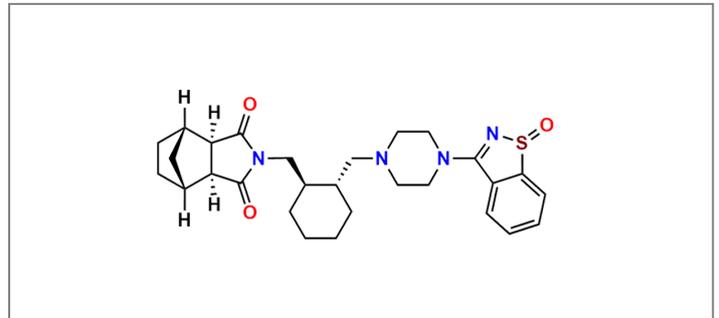
Re-test Date: Dec 2028

**Product Name: Lurasidone Sulfoxide**

### Identification:

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

Synonyms : NA  
CAS Number : 1809325-45-8  
CAT Number : CP-L4002  
Molecular Formula : C<sub>28</sub>H<sub>36</sub>N<sub>4</sub>O<sub>3</sub>S  
Molecular Weight : 508.68  
Batch Number : CP-LUR-SFO-1024  
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 to Off-White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.61%
5)	<sup>1</sup> HNMR	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.