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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

#### **Product Name: Lurasidone Impurity 40**

### Identification:

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

Synonyms	: NA	
CAS Number	: NA	
CAT Number	: CP-L4067	
Molecular Formula	: C28H34N4O2S	
Molecular Weight	: 490.67	H

## **Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical)

**Approved By** 

Ms Rohini Gagare (QA Head)

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