# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML006034-01)

**Release Date:** 29/10/2025 **Re-test Date:** 28/10/2028

## UNSATURATED IMPUIRITY LURASIDONE

### **Identification**

#### **Chemical Name:**

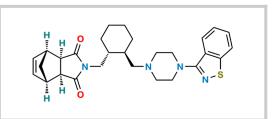
(3aR,4R,7S,7aS)-2-(((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)-3a,4,7,7a-tetrahydro-1H-4,7-methanoisoindole-1,3(2H)-dione

**CAT No.** : KML006034

CAS No. : NA

Molecular Formula : C28H34N4O2S

**Molecular Weight** : 490.7



# **Analytical Information**

Batch No. : L006034-073-375 **Solubility** : Acetonitrile **Description** : Off White Solid **Mass** : Confirm **HPLC Purity** : 99.85 % IR : Confirm Weight Loss By TGA : 1.12 % 1H NMR : Confirm

**% Potency** : 98.73 %

### **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 - 1.12(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 98.73 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/10/2025

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