# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMO007002-01)

**Release Date:** 17/06/2024 **Re-test Date:** 16/06/2027

## **Olanzapine Related Compound B**

### **Identification**

#### **Chemical Name:**

2-methyl-5,10-dihydro-4H-benzo[b]thieno[2,3-e][1,4]diazepin-4-one

**Alt. Name** : Olanzapine USP Related Compound B

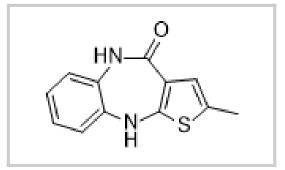
; Olanzapine Amide Impurity

CAT No. : KMO007002

CAS No. : 221176-49-4

Molecular Formula : C12H10N2OS

Molecular Weight : 230.29



## **Analytical Information**

Batch No. : OLA-EPB-073-263 **Solubility** : ACN **Description** : Yellow Solid **Mass** : Confirm **HPLC Purity** : 99.74 % IR : Confirm Weight Loss By TGA : 1.30 % 1H NMR : Confirm

**% Potency** : 98.44 %

### **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 - 1.30(Weight Loss By TGA)] x [99.74(HPLC Purity)]/100 = 98.44 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		19/06/2024

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