

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM088022-02)

Release Date: 27/09/2024

Re-test Date: 26/09/2027

## METAXALONE UREA DERIVATIVE

### Identification

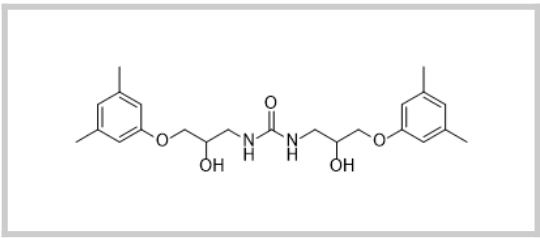
**Chemical Name :**  
1,3-bis(3-(3,5-dimethylphenoxy)-2-hydroxypropyl)urea

**CAT No.** : KMM088022

**CAS No.** : Not available

**Molecular Formula** : C<sub>23</sub>H<sub>32</sub>N<sub>2</sub>O<sub>5</sub>

**Molecular Weight** : 416.51



### Analytical Information

**Batch No.** : M088022-073-394

**Description** : White Solid

**HPLC Purity** : 99.92 %

**Weight Loss By TGA** : 1.45 %

**% Potency** : 98.47 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### 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 - 1.45(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 98.47 %

**% Potency** = [100-1.45(Wt. loss by TGA)] x [99.92(HPLC Purity)]/100 = 98.47 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/09/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA