

CERTIFICATE OF ANALYSIS

(Certificate No. KMM088022-02)

Release Date: 27/09/2024

Re-test Date: 26/09/2027

METAXALONE UREA DERIVATIVE

Identification

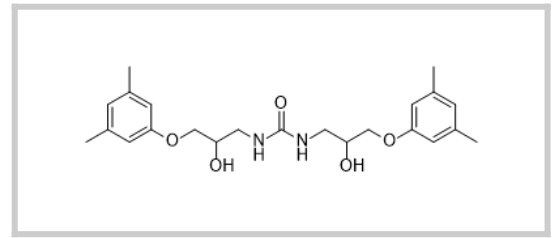
Chemical Name :
1,3-bis(3-(3,5-dimethylphenoxy)-2-hydroxypropyl)urea

CAT No. : KMM088022

CAS No. : Not available

Molecular Formula : C₂₃H₃₂N₂O₅

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

¹H 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, ¹HNMR, IR and TGA