CERTIFICATE OF ANALYSIS

(Certificate No. KMM088022-02)

Release Date: 27/09/2024 **Re-test Date:** 26/09/2027

METAXALONE UREA DERIVATIVE

Identification

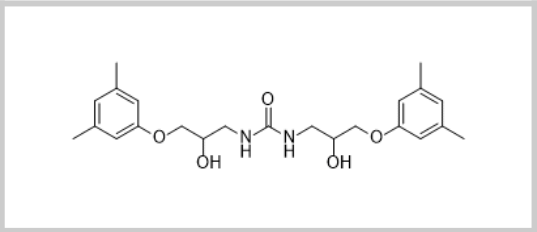
Chemical Name :
1,3-bis(3-(3,5-dimethylphenoxy)-2-hydroxypropyl)urea

CAT No. : KMM088022

CAS No. : Not available

Molecular Formula : C23H32N2O5

Molecular Weight : 416.51



Analytical Information

Batch No.	: M088022-073-394	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.92 %	**IR**	: Confirm
Weight Loss By TGA	: 1.45 %	**1H NMR**	: Confirm
% Potency	: 98.47 %		

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