

CERTIFICATE OF ANALYSIS

(Certificate No. KMF043061-01)

Release Date: 24/09/2024

Re-test Date: 23/09/2027

Fexofenadine KSM_Fexo-3 Standard

Identification

Chemical Name :

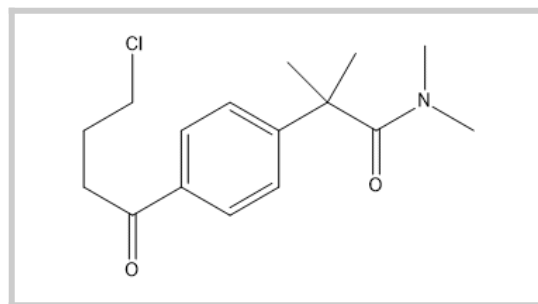
2-(4-(4-chlorobutanoyl)phenyl)-N,N,2-trimethylpropanamide

CAT No. : KMF043061

CAS No. : Not Available

Molecular Formula : C₁₆H₂₂ClNO₂

Molecular Weight : 295.80



Analytical Information

Batch No. : F043061-073-385

Description : Light Yellow Liquid

HPLC Purity : 99.41 %

Weight Loss By TGA : 0.74 %

% Potency : 98.67 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.74(Weight Loss By TGA)] x [99.41(HPLC Purity)]/100 = 98.67 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2024

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA