

CERTIFICATE OF ANALYSIS

(Certificate No. KMF043015-01)

Release Date: 13/09/2024

Re-test Date: 12/09/2027

Fexofenadine KSM_Fexo Chloro Standard

Identification

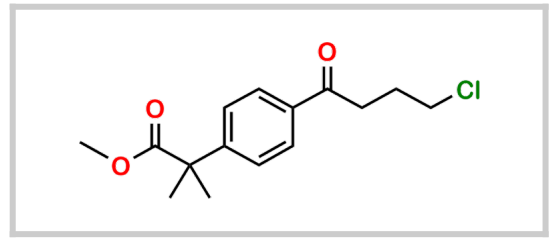
Chemical Name :
Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate

CAT No. : KMF043015

CAS No. : 154477-54-0

Molecular Formula : C₁₅H₁₉ClO₃

Molecular Weight : 282.8



Analytical Information

Batch No. : F043015-073-374

Description : Pale Yellow Liquid

HPLC Purity : 99.73 %

Weight Loss By TGA : 0.59 %

% Potency : 99.14 %

Solubility : Methanol

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 - 0.59(Weight Loss By TGA)] x [99.73(HPLC Purity)]/100 = 99.14 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/09/2024

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