CERTIFICATE OF ANALYSIS

(Certificate No. KMF043015-01)

Release Date: 13/09/2024 **Re-test Date:** 12/09/2027

Fexofenadine KSM_Fexo Chloro Standard

Identification

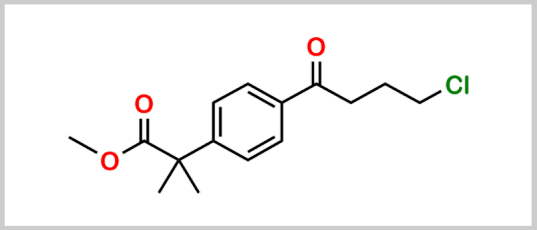
Chemical Name :
Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate

CAT No. : KMF043015

CAS No. : 154477-54-0

Molecular Formula : C15H19ClO3

Molecular Weight : 282.8



Analytical Information

Batch No.	: F043015-073-374	**Solubility**	: Methanol
Description	: Pale Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.73 %	**IR**	: Confirm
Weight Loss By TGA	: 0.59 %	**1H NMR**	: Confirm
% Potency	: 99.14 %	**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