

CERTIFICATE OF ANALYSIS

(Certificate No. KMF043060-01)

Release Date: 24/09/2024

Re-test Date: 23/09/2027

Flexofenadine KSM_Ammonium Salt

Identification

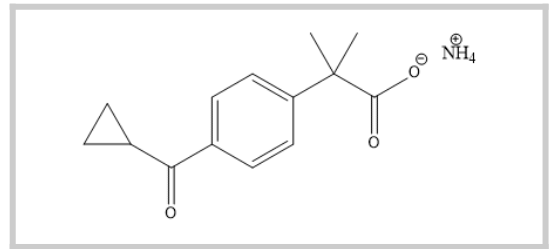
Chemical Name :
ammonium 2-(4-(cyclopropanecarbonyl)phenyl)-2-methylpropanoate

CAT No. : KMF043060

CAS No. : Not Available

Molecular Formula : C₁₄H₁₉NO₃

Molecular Weight : 249.31



Analytical Information

Batch No. : F043060-073-384

Description : Light Yellow Solid

HPLC Purity : 99.50 %

Weight Loss By TGA : 0.92 %

% Potency : 98.58 %

Solubility : ACN : Water (1:1)

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 - 0.92(Weight Loss By TGA)] x [99.50(HPLC Purity)]/100 = 98.58 %

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