

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF043060-01)

Release Date: 24/09/2024

Re-test Date: 23/09/2027

## Fexofenadine KSM\_Ammonium Salt

### Identification

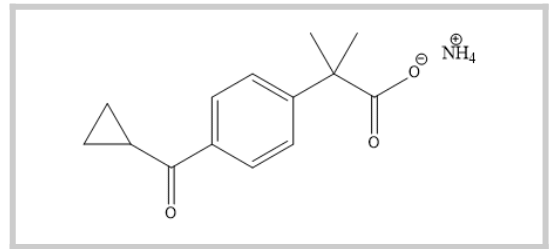
**Chemical Name :**  
ammonium 2-(4-(cyclopropanecarbonyl)phenyl)-2-methylpropanoate

**CAT No.** : KMF043060

**CAS No.** : Not Available

**Molecular Formula** : C<sub>14</sub>H<sub>19</sub>NO<sub>3</sub>

**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

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA