

# CERTIFICATE OF ANALYSIS

(Certificate No. KMO024015-01)

Release Date: 14/06/2025

Re-test Date: 13/06/2028

## OLOPATADINE METHANOL

### Identification

**Chemical Name :**

(11Z)-11-[3-(Dimethylamino)propylidene]-6,11-dihydro-dibenz[b,e]oxepin-2-ethanol

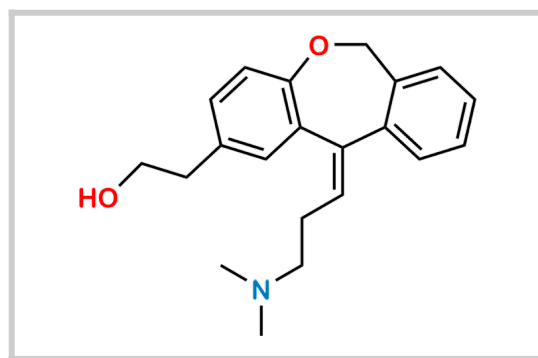
**Alt. Name** : Olopatadine methanol

**CAT No.** : KMO024015

**CAS No.** : 113835-76-0

**Molecular Formula** : C<sub>21</sub>H<sub>25</sub>NO<sub>2</sub>

**Molecular Weight** : 323.4



### Analytical Information

**Batch No.** : O024015-102-074

**Description** : White Solid

**HPLC Purity** : 96.85 %

**Weight Loss By TGA** : 0.75 %

**% Potency** : 96.12 %

**Solubility** : ACN : Water (3:7)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.75(Weight Loss By TGA)] x [96.85(HPLC Purity)]/100 = 96.12 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		14/06/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA