

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF100007-01)

Release Date: 04/12/2025

Re-test Date: 03/12/2028

## Fluvoxamine EP Impurity B

### Identification

**Chemical Name :**

2-[[[(1Z)-5-Methoxy-1-[4-(trifluoromethyl)phenyl]pentylidene]amino]oxy]ethanamine (as per EP); (Z)-5-Methoxy-1-[4-(trifluoromethyl)phenyl]pentan-1-one O-(2-aminoethyl)oxime (as per USP)

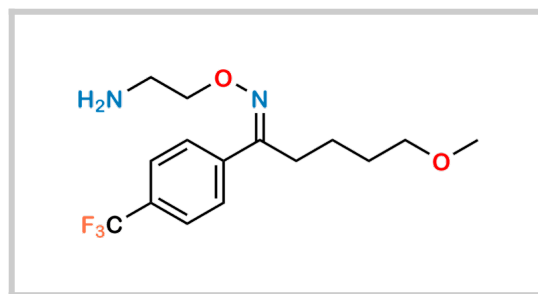
**Alt. Name** : Fluvoxamine Z-Isomer (USP)

**CAT No.** : KMF100007

**CAS No.** : 89035-92-7

**Molecular Formula** : C<sub>15</sub>H<sub>21</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 318.3



### Analytical Information

**Batch No.** : F100007-114-039

**Description** : Yellow Liquid

**HPLC Purity** : 97.26 %

**Weight Loss By TGA** : 4.92 %

**% Potency** : 92.47 %

**Solubility** : Acetonitrile

**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 - 4.92(Weight Loss By TGA)] x [97.26(HPLC Purity)]/100 = 92.47 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/12/2025

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