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)

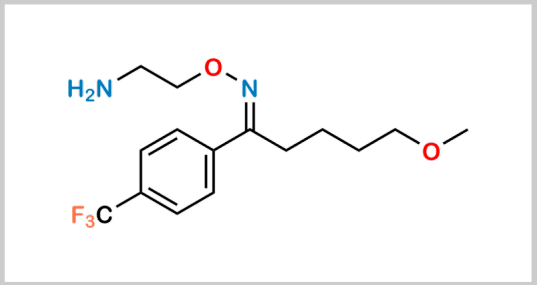
Alt. Name : Fluvoxamine Z-Isomer (USP)

CAT No. : KMF100007

CAS No. : 89035-92-7

Molecular Formula : C15H21F3N2O2

Molecular Weight : 318.3



Analytical Information

Batch No.	: F100007-114-039	**Solubility**	: Acetonitrile
Description	: Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 97.26 %	**IR**	: Confirm
Weight Loss By TGA	: 4.92 %	**1H NMR**	: Confirm
% Potency	: 92.47 %	**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 - 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, 1HNMR, 13CNMR, IR and TGA