

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP009002-01)

Release Date: 11/07/2023

Re-test Date: 10/07/2026

## Paroxetine EP impurity I

### Identification

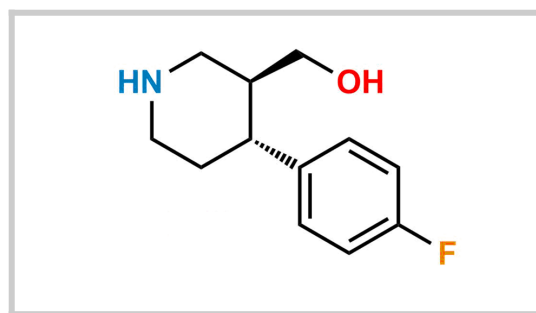
**Chemical Name :**  
((3S,4R)-4-(4-fluorophenyl)piperidin-3-yl)methanol

**CAT No.** : KMP009002

**CAS No.** : 125224-43-3

**Molecular Formula** : C<sub>12</sub>H<sub>16</sub>FNO

**Molecular Weight** : 209.26



### Analytical Information

**Batch No.** : PAR-IMPM-09-026

**Description** : Off White Solid

**HPLC Purity** : 96.90 %

**Weight Loss By TGA** : 0.30 %

**% Potency** : 96.61 %

**Solubility** : Methanol

**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 - 0.30(Weight Loss By TGA)] x [96.90(HPLC Purity)]/100 = 96.61 %

Remarks : Re-tested on 11.07.2023

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Parag Patel		18/01/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/01/2025

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