

# **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 :**

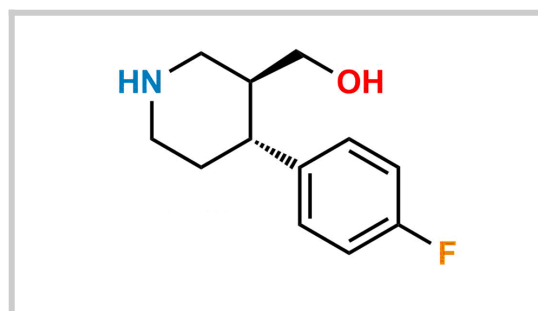
((3S,4R)-4-(4-fluorophenyl)piperidin-3-yl)methanol

**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
Prepared By	Analytical	Parag Patel		18/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/01/2025

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