

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP003004-03)

**Release Date:** 21/04/2025

**Re-test Date:** 20/04/2028

## **Pirfenidone Impurity D**

### **Identification**

**Chemical Name :**  
bromobenzene

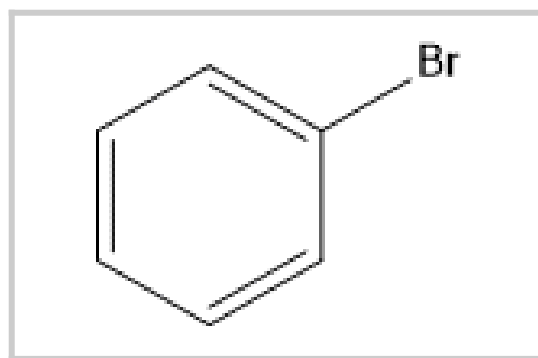
**Alt. Name** : bromobenzene

**CAT No.** : KMP003004

**CAS No.** : 108-86-1

**Molecular Formula** : C<sub>6</sub>H<sub>5</sub>Br

**Molecular Weight** : 157.01



### **Analytical Information**

**Batch No.** : P003004-091-349

**Description** : Colorless Liquid

**HPLC Purity** : 99.96 %

**Weight Loss By KF** : 0.19 %

**% Potency** : 99.77 %

**Solubility** : Acetonitrile

**Mass** : Not supported

**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 - 0.19(Weight Loss By KF)] x [99.96(HPLC Purity)]/100 = 99.77 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2025

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