

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003016-01)

Release Date: 09/08/2024

Re-test Date: 08/08/2027

## Pirfenidone Impurity-D

### Identification

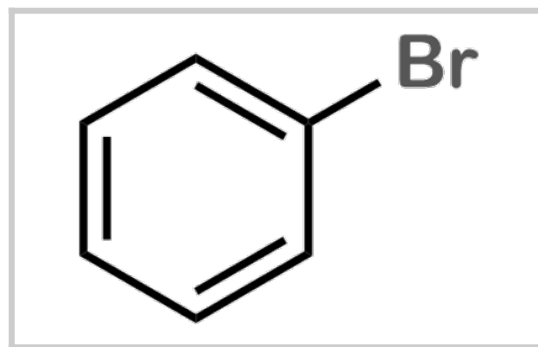
Chemical Name :  
bromobenzene

CAT No. : KMP003016

CAS No. : 108-86-1

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

Molecular Weight : 157.0



### Analytical Information

Batch No. : PIR-KSM-II-08-170

Description : Colorless Liquid

HPLC Purity : 98.36 %

Weight Loss By TGA : 2.00 %

% Potency : 96.39 %

Solubility : Acetonitrile

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 - 2.00(Weight Loss By TGA)] x [98.36(HPLC Purity)]/100 = 96.39 %

-Re-tested on 09.08.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/05/2025

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