CERTIFICATE OF ANALYSIS

(Certificate No. KMP010003-01)

Release Date: 17/07/2024 **Re-test Date:** 16/07/2027

Paracetamol Impurity K

Identification

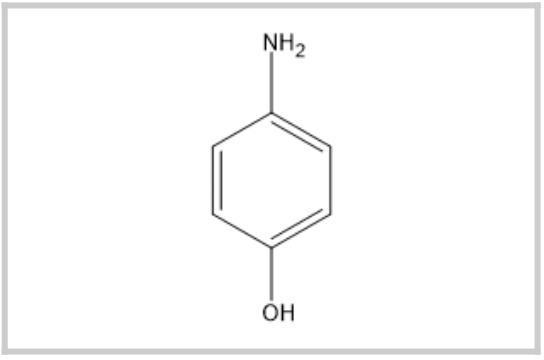
Chemical Name :
4-aminophenol

CAT No. : KMP010003

CAS No. : 123-30-8

Molecular Formula : C6H7NO

Molecular Weight : 109.13



Analytical Information

Batch No. : PARA-P2-073-255

Description : Off White Solid

HPLC Purity : 99.28 %

Weight Loss By TGA : 0.01 %

% Potency : 99.27 %

Solubility : Water : Methanol (1:1)

Mass : Confirm

IR : Confirm

1H 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 - 0.01(Weight Loss By TGA)] x [99.28(HPLC Purity)]/100 = 99.27 %
-TGA analysis added on 05.04.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/06/2025

Attachments : COA, HPLC, MASS, 1HNMR, TGA and IR