

CERTIFICATE OF ANALYSIS

(Certificate No. KMP010021-04)

Release Date: 28/01/2026

Re-test Date: 27/01/2029

Acetaminophen USPRS

Identification

Chemical Name :
N-(4-hydroxyphenyl)acetamide

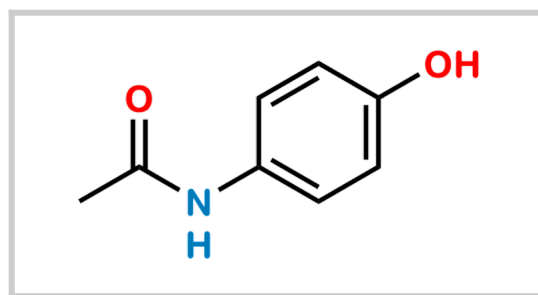
Alt. Name : Acetaminophen (USP)

CAT No. : KMP010021

CAS No. : 103-90-2

Molecular Formula : C₈H₉NO₂

Molecular Weight : 151.2



Analytical Information

Batch No. : P010021-114-121

Description : White Solid

HPLC Purity : 99.52 %

Weight Loss By TGA : 0.06 %

% Potency : 99.46 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.06(Weight Loss By TGA)] x [99.52(HPLC Purity)]/100 = 99.46 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/01/2026

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA