

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP010021-02)

Release Date: 08/11/2024

Re-test Date: 07/11/2027

## Paracetamol (Finished Goods)

### Identification

**Chemical Name :**  
N-(4-hydroxyphenyl)acetamide

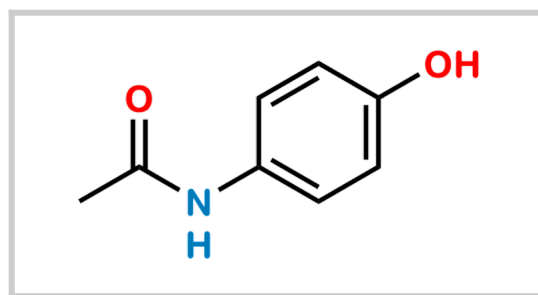
**Alt. Name** : Acetaminophen (USP)

**CAT No.** : KMP010021

**CAS No.** : 103-90-2

**Molecular Formula** : C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>

**Molecular Weight** : 151.2



### Analytical Information

**Batch No.** : ANT/PGB/001

**Description** : White solid

**HPLC Purity** : 99.85 %

**Weight Loss By TGA** : 0.72 %

**% Potency** : 99.13 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.72(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 99.13 %

-This product Is Finished Product

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/12/2025

**Attachments** : COA, HPLC, Mass, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR, TGA