

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP010021-01)

**Release Date:** 27/07/2025

**Re-test Date:** 26/07/2028

## **Paracetamol USPRS**

### **Identification**

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

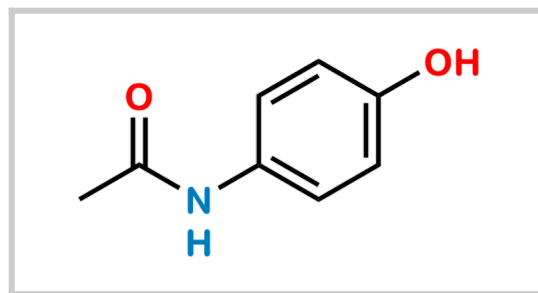
**Alt. Name** : Acetaminophen (USP)

**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.** : P010021-102-160

**Description** : White Solid

**HPLC Purity** : 99.99 %

**Weight Loss By TGA** : 0.07 %

**% Potency** : 99.92 %

**Solubility** : Methanol

**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 - 0.07(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.92 %

USP Catalog No & Lot No : R16510 - 1003009

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA