

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMB049018-01)

**Release Date:** 16/08/2023

**Re-test Date:** 15/08/2026

## **4-Nitrobenzoic Acid**

### **Identification**

**Chemical Name :**

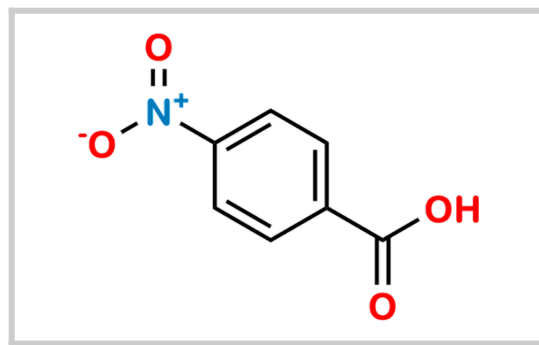
4-Nitrobenzoic acid (as per EP)

**CAT No.** : KMB049018

**CAS No.** : 62-23-7

**Molecular Formula** : C<sub>7</sub>H<sub>5</sub>NO<sub>4</sub>

**Molecular Weight** : 167.1



### **Analytical Information**

**Batch No.** : ENZ-PNP-045-231

**Description** : Light Yellow Solid

**HPLC Purity** : 99.24 %

**Weight Loss By TGA** : 0.01 %

**% Potency** : 99.23 %

**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 - 0.01(Weight Loss By TGA)] x [99.24(HPLC Purity)]/100 = 99.23 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/04/2025

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