# CERTIFICATE OF ANALYSIS

(Certificate No. KMB049018-02)

**Release Date:** 06/02/2026 **Re-test Date:** 05/02/2029

## Para Nitrobenzoic Acid

## Identification

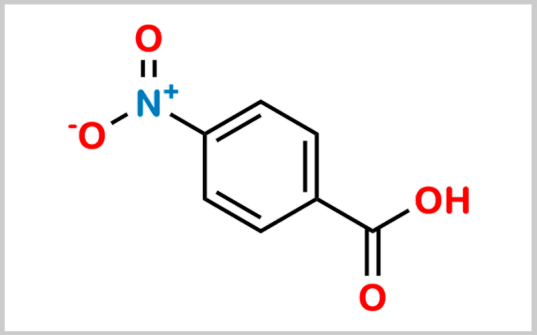
**Chemical Name** :
4-Nitrobenzoic acid (as per EP)

**CAT No.** : KMB049018

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

**Molecular Formula** : C7H5NO4

**Molecular Weight** : 167.1




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : B049018-114-148 | **Solubility** | : Acetonitrile |
| **Description** | : Light Yellow Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.98 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.04 % | **1H NMR** | : Confirm |
| **% Potency** | : 99.94 % | | |

## 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 - 0.04(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 99.94 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 06/02/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 06/02/2026 |

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