

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB049018-02)

Release Date: 06/02/2026

Re-test Date: 05/02/2029

## Para Nitrobenzoic Acid

### Identification

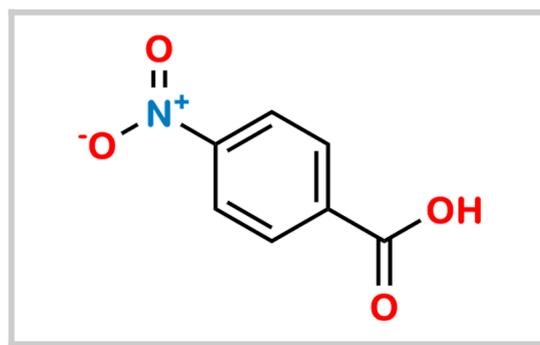
**Chemical Name :**  
4-Nitrobenzoic acid (as per EP)

**CAT No. :** KMB049018

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

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

**Molecular Weight :** 167.1



### Analytical Information

**Batch No. :** B049018-114-148

**Description :** Light Yellow Solid

**HPLC Purity :** 99.98 %

**Weight Loss By TGA :** 0.04 %

**% Potency :** 99.94 %

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

**Recommendation :** Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		06/02/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		06/02/2026

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