

CERTIFICATE OF ANALYSIS

(Certificate No. KMB049018-01)

Release Date: 16/08/2023

Re-test Date: 15/08/2026

4-Nitrobenzoic Acid

Identification

Chemical Name :

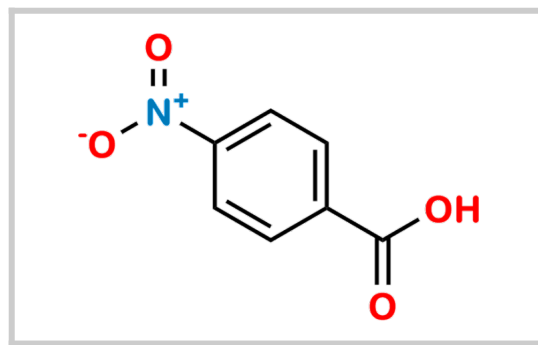
4-Nitrobenzoic acid (as per EP)

CAT No. : KMB049018

CAS No. : 62-23-7

Molecular Formula : C₇H₅NO₄

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

¹H 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, ¹HNMR, IR and TGA