CERTIFICATE OF ANALYSIS

(Certificate No. KMP010031-01)

Release Date: 18/12/2025 **Re-test Date:** 17/12/2028

4-Nitrophenol

Identification

Chemical Name :
4-nitrophenol

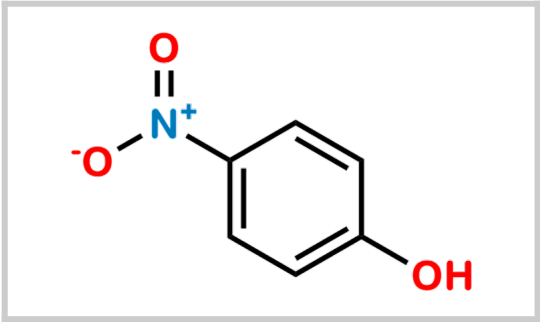
Alt. Name : Acetaminophen USP Related Compound F ; p-nitrophenol

CAT No. : KMP010031

CAS No. : 100-02-7

Molecular Formula : C6H5NO3

Molecular Weight : 139.1



Analytical Information

Batch No.	: P010031-114	**Solubility**	: Methanol
Description	: Off white Solid Crystal	**Mass**	: Confirm
HPLC Purity	: NLT 95.1 %	**IR**	: Confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Confirm
% Potency	: 95 %		

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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/12/2025

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