

CERTIFICATE OF ANALYSIS

(Certificate No. KMA004018-01)

Release Date: 25/08/2025

Re-test Date: 24/08/2028

2-Fluoro-4-Nitro Toluene

Identification

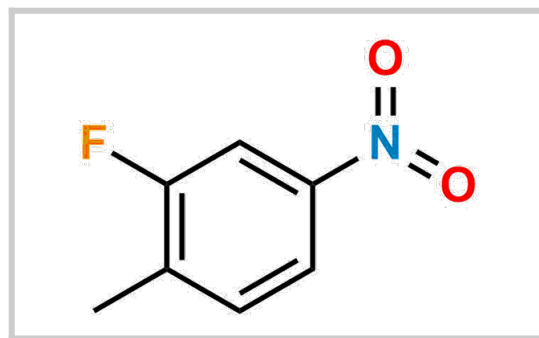
Chemical Name :
2-Fluoro-1-methyl-4-nitrobenzene

CAT No. : KMA004018

CAS No. : 1427-07-2

Molecular Formula : C₇H₆FN₂O₂

Molecular Weight : 155.1



Analytical Information

Batch No. : APA-IMP-17-045-240

Description : Pale Yellow Solid (Low Melting Solid)

HPLC Purity : 99.19 %

Weight Loss By TGA : 5.09 %

% Potency : 94.14 %

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 - 5.09(Weight Loss By TGA)] x [99.19(HPLC Purity)]/100 = 94.14 %
-Re-tested on 25.08.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/08/2025

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