

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMT005061-01)

**Release Date:** 13/03/2025

**Re-test Date:** 12/03/2028

## **2-Fluronitrobenzene**

### **Identification**

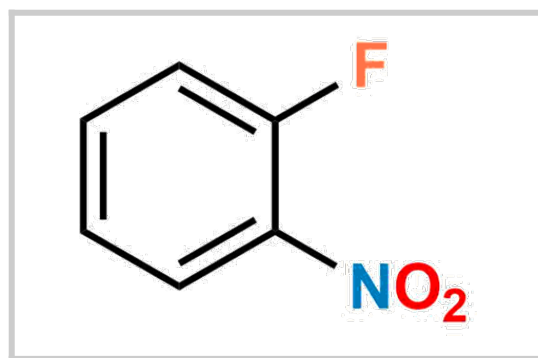
**Chemical Name :**  
1-Fluoro-2-nitrobenzene

**CAT No.** : KMT005061

**CAS No.** : 1493-27-2

**Molecular Formula** : C<sub>6</sub>H<sub>4</sub>FN<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 141.1



### **Analytical Information**

**Batch No.** : T005061-091-253

**Description** : Light Yellow Liquid

**GC Purity** : 100.00 %

**Weight Loss By TGA** : 5.22 %

**% Potency** : 94.78 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 5.22(Weight Loss By TGA)] x [100.00(GC Purity)]/100 = 94.78 %

**Recommendation** : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 17/03/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 17/03/2025 |

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR , IR and TGA