

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001319-01)

**Release Date:** 03/01/2025

**Re-test Date:** 02/01/2028

## **Marfey's Reagent**

### **Identification**

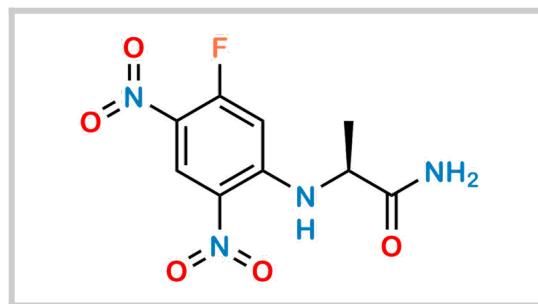
**Chemical Name :**  
(S)-2-((5-Fluoro-2,4-dinitrophenyl)amino)propanamide

**CAT No.** : KMM001319

**CAS No.** : 95713-52-3

**Molecular Formula** : C<sub>9</sub>H<sub>9</sub>FN<sub>4</sub>O<sub>5</sub>

**Molecular Weight** : 272.2



### **Analytical Information**

**Batch No.** : M001319-091-121

**Description** : Yellow Solid

**HPLC Purity** : 96.02 %

**Weight Loss By TGA** : 0.11 %

**% Potency** : 95.91 %

**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 - 0.11(Weight Loss By TGA)] x [96.02(HPLC Purity)]/100 = 95.91 %

**Recommendation** : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 03/01/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 03/01/2025 |

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