## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001319-01)

**Release Date:** 03/01/2025 **Re-test Date:** 02/01/2028

# Marfey's Reagent

#### **Identification**

**Chemical Name:** 

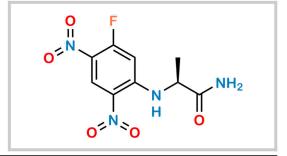
(S)-2-((5-Fluoro-2,4-dinitrophenyl)amino)propanamide

**CAT No.** : KMM001319

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

Molecular Formula : C9H9FN4O5

**Molecular Weight** : 272.2



### **Analytical Information**

Description: Yellow SolidMass: ConfirmHPLC Purity: 96.02 %IR: ConfirmWeight Loss By TGA: 0.11 %1H NMR: Confirm

**% Potency** : 95.91 %

#### **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, 1HNMR, IR and TGA