

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN032027-01)

**Release Date:** 14/06/2025

**Re-test Date:** 13/06/2028

## **Naproxen Related Compound A**

### **Identification**

**Chemical Name :**

6-Methoxynaphthalene-2-carboxylic acid (as per EP)

**Alt. Name**

: Naproxen USP Related Compound A ;  
Naproxen Carboxylic Impurity ; 6-methoxy-2-naphthoic acid (EP)

**CAT No.**

: KMN032027

**CAS No.**

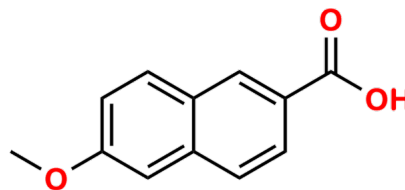
: 2471-70-7

**Molecular Formula**

: C<sub>12</sub>H<sub>10</sub>O<sub>3</sub>

**Molecular Weight**

: 202.2



### **Analytical Information**

**Batch No.**

: NAP-RC-A-030-239

**Solubility**

: Acetonitrile

**Description**

: Off White Solid

**Mass**

: Confirm

**HPLC Purity**

: 99.55 %

**IR**

: Confirm

**Weight Loss By TGA**

: 0.50 %

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

: Confirm

**% Potency**

: 99.05 %

### **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 - 0.50(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 99.05 %

-Re-tested on 14.06.2025

**Recommendation**

: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/06/2025

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