

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN032024-01)

**Release Date:** 16/12/2025

**Re-test Date:** 15/12/2028

## NAPROXEN RELATED COMPOUND L

### Identification

**Chemical Name :**

1-(6-Methoxynaphthalen-2-yl)ethan-1-one (as per EP)

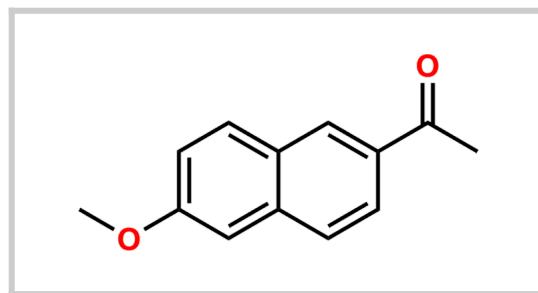
**Alt. Name** : Naproxen USP Related Compound L

**CAT No.** : KMN032024

**CAS No.** : 3900-45-6

**Molecular Formula** : C<sub>13</sub>H<sub>12</sub>O<sub>2</sub>

**Molecular Weight** : 200.2



### Analytical Information

**Batch No.** : NAP-RC-L-045-175

**Description** : Off White Solid

**HPLC Purity** : 99.68 %

**Weight Loss By TGA** : 0.23 %

**% Potency** : 99.45 %

**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 - 0.23(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.45 %

-Re-tested on 16.12.2025

-<sup>13</sup>C NMR added on 13.12.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/12/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA