

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN032026-01)

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

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

## **NAPROXEN IMPURITY N**

### **Identification**

**Chemical Name :**

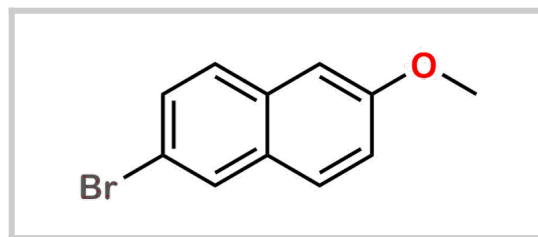
2-Bromo-6-methoxynaphthalene (as per EP)

**CAT No.** : KMN032026

**CAS No.** : 5111-65-9

**Molecular Formula** : C<sub>11</sub>H<sub>9</sub>BrO

**Molecular Weight** : 237.1



### **Analytical Information**

**Batch No.** : NAP-EP-IMP-N-019-352

**Description** : Off White Solid

**HPLC Purity** : 98.40 %

**Weight Loss By TGA** : 0.99 %

**% Potency** : 97.43 %

**Solubility** : Acetonitrile

**Mass** : Confirm as H<sub>2</sub>O adduct

**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 - 0.99(Weight Loss By TGA)] x [98.40(HPLC Purity)]/100 = 97.43 %

-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