# CERTIFICATE OF ANALYSIS

(Certificate No. KMN032026-01)

**Release Date:** 16/12/2025 **Re-test Date:** 15/12/2028

## NAPROXEN IMPURITY N

## Identification

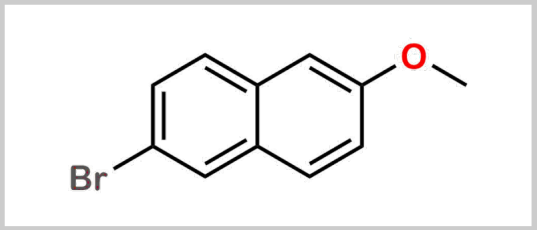
**Chemical Name** :
2-Bromo-6-methoxynaphthalene (as per EP)

**CAT No.** : KMN032026

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

**Molecular Formula** : C11H9BrO

**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 H2O adduct

**IR** : Confirm

**1H NMR** : Confirm

**13C 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
-13C 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, 1HNMR,13C NMR, IR and TGA