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)

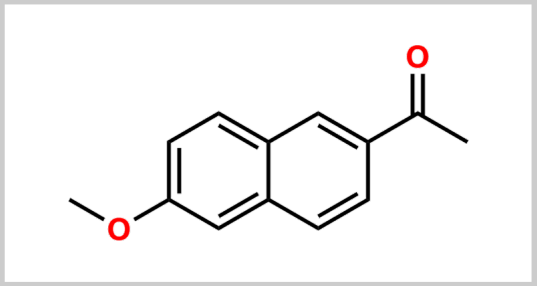
Alt. Name : Naproxen USP Related Compound L

CAT No. : KMN032024

CAS No. : 3900-45-6

Molecular Formula : C13H12O2

Molecular Weight : 200.2



Analytical Information

Batch No.	: NAP-RC-L-045-175	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.68 %	**IR**	: Confirm
Weight Loss By TGA	: 0.23 %	**1H NMR**	: Confirm
% Potency	: 99.45 %	**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 - 0.23(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.45 %
-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