CERTIFICATE OF ANALYSIS

(Certificate No. KMN032023-01)

Release Date: 29/03/2025 **Re-test Date:** 28/03/2028

Naproxen Impurity K

Identification

Chemical Name :
(1RS)-1-(6-methoxynaphthalen-2-yl)ethanol (as per EP)

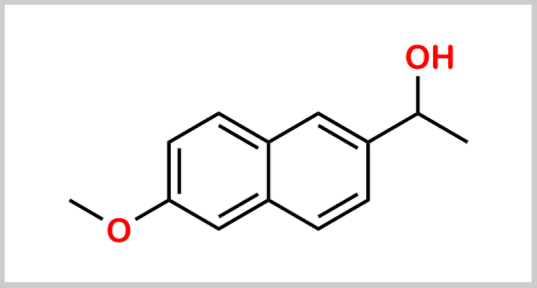
Alt. Name : Naproxen USP Related Compound K

CAT No. : KMN032023

CAS No. : 77301-42-9

Molecular Formula : C13H14O2

Molecular Weight : 202.3



Analytical Information

Batch No.	: N032023-091-299	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm as M-OH
HPLC Purity	: 99.39 %	**IR**	: Confirm
Weight Loss By TGA	: 0.83 %	**1H NMR**	: Confirm
% Potency	: 98.57 %		

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 - 0.83(Weight Loss By TGA)] x [99.39(HPLC Purity)]/100 = 98.57 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/03/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA