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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Naproxen EP Impurity G

Identification:

Chemical Name: (2R)-2-(6-methoxynaphthalen-2-yl)propanoic acid (as per EP)

Synonyms : Naproxen USP Related
Compound G ; (R)-enantiomer
(EP)

CAS Number : 23979-41-1

CAT Number : CP-N2007

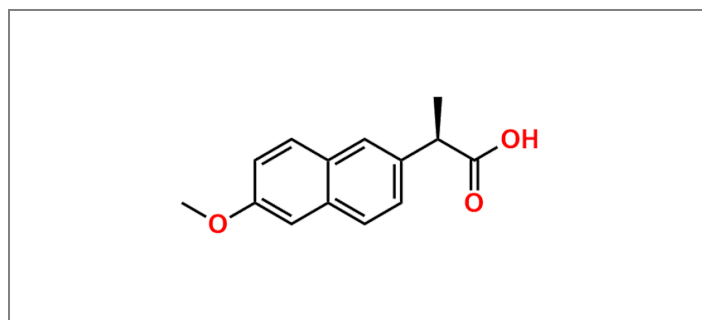
Molecular Formula : C₁₄H₁₄O₃

Molecular Weight : 230.26

Batch Number : CP-NAP-G-1224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.33%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	2.15%
9)	Potency by TGA	97.19%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.