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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

**Product Name: Naproxen EP Impurity E**

### Identification:

Chemical Name: Methyl (2S)-2-(6-methoxynaphthalen-2-yl)propanoate (as per EP)

Synonyms : Naproxen USP Related  
Compound E

CAS Number : 26159-35-3

CAT Number : CP-N2005

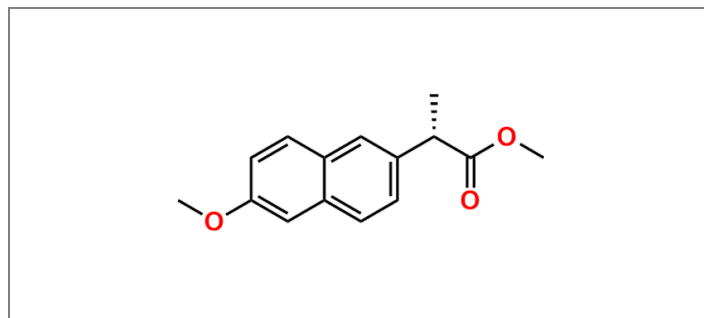
Molecular Formula : C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>

Molecular Weight : 244.29

Batch Number : CHEM-NAP-E

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.46%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.22%
9)	Potency by TGA	99.24%



**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.