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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

**Product Name: Naproxen EP Impurity O**

### Identification:

Chemical Name: 6-Methoxynaphthalene-2-carboxylic acid (as per EP)

Synonyms : Naproxen USP Related  
Compound A ; Naproxen  
Carboxylic Impurity ; 6-  
methoxy-2-naphthoic acid (EP)

CAS Number : 2471-70-7

CAT Number : CP-N2015

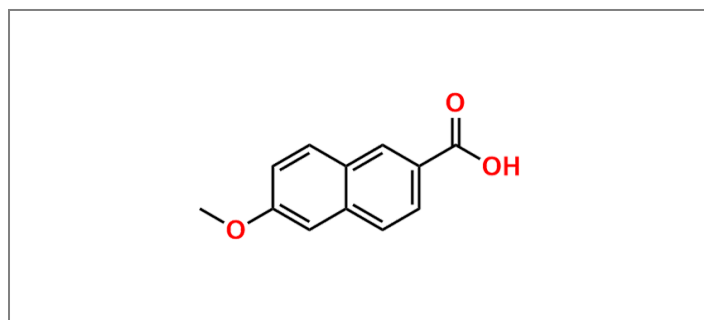
Molecular Formula : C<sub>12</sub>H<sub>10</sub>O<sub>3</sub>

Molecular Weight : 202.21

Batch Number : CP-NAP-O-1024

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	99.23%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.34%
9)	Potency by TGA	98.89%



**Prepared and Reviewed By**

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

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

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

Ms Rohini Gagare  
(QA Head)

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