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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

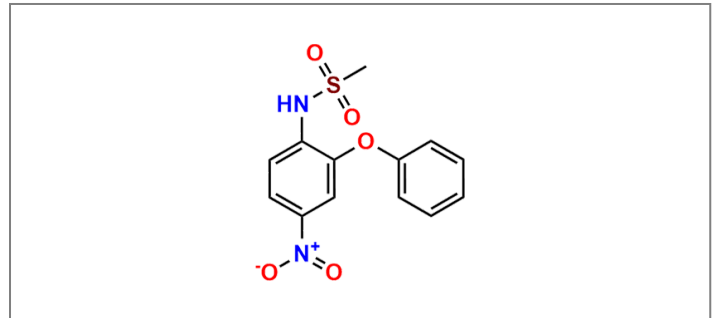
Re-test Date: Jul 2027

**Product Name: Nimesulide (In House Standard)**

### Identification:

Chemical Name: N-(4-Nitro-2-phenoxyphenyl)methanesulfonamide

Synonyms : NA  
CAS Number : 51803-78-2  
CAT Number : CP-N23000  
Molecular Formula : C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S  
Molecular Weight : 308.31  
Batch Number : CP-NIM-IN-0824



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	Off White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.93%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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