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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

Product Name: Nimesulide EP Impurity D

Identification:

Chemical Name: 4-Nitro-2-phenoxyaniline

Synonyms : 2-Phenoxy-4-nitroaniline

CAS Number : 5422-92-4

CAT Number : CP-N23004

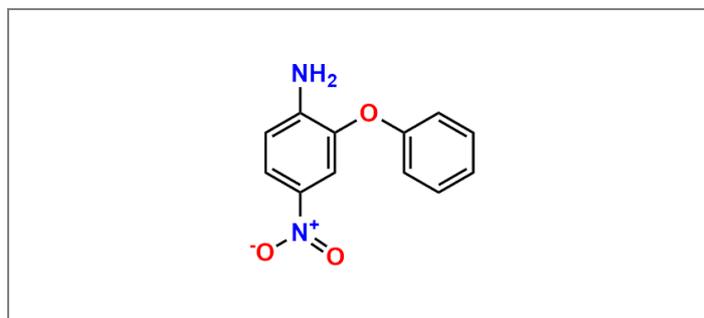
Molecular Formula : C₁₂H₁₀N₂O₃

Molecular Weight : 230.22

Batch Number : CP-NIM-D-0925

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	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.01%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.149%
7)	Potency by TGA	96.86%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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