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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

**Product Name: 4-Chloro-2-nitrotoluene**

### Identification:

Chemical Name: 4-Chloro-2-nitrotoluene

Synonyms : NA

CAS Number : 89-59-8

CAT Number : CP-CS0558

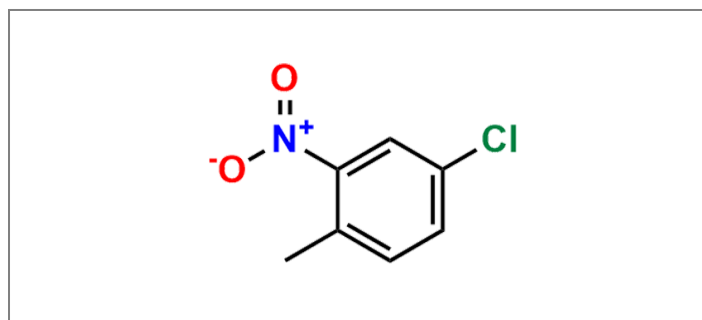
Molecular Formula : C<sub>7</sub>H<sub>6</sub>ClNO<sub>2</sub>

Molecular Weight : 171.58

Batch Number : CP-4C2-NTO-0224

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 GC | 99.89%                   |
| 5)      | H1NMR        | Confirm to structure     |
| 6)      | 13CNMR       | Confirm to structure     |



**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.