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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ifosfamide EP Impurity E

Identification:

Chemical Name: 3-Chloro-N-(2-chloroethyl)propan-1-amine

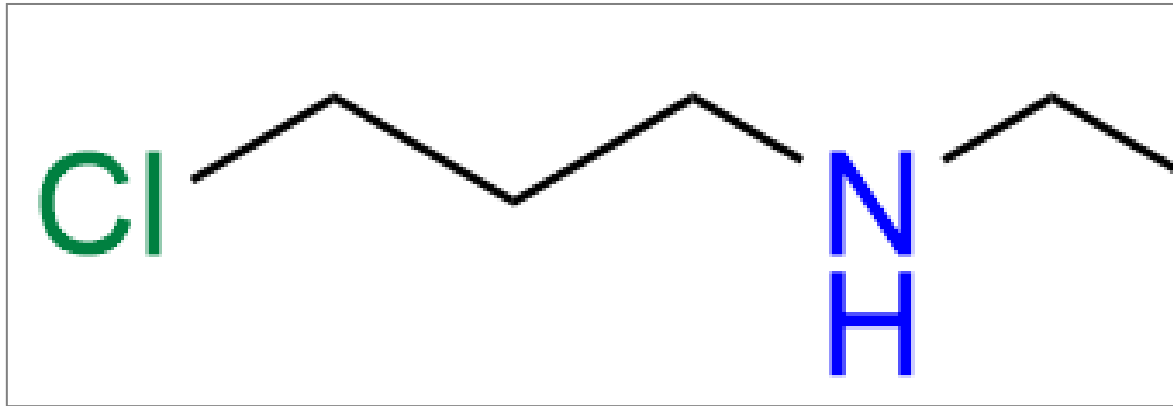
Synonyms : NA

CAS Number : 42453-19-0

CAT Number : CP-115005

Molecular Formula : C₅H₁₁Cl₂N

Molecular Weight : 156.05



Analytical Information:

| Sr. No. | Test | Result |
|---------|----------------|--------------------------|
| 1) | Description | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | H1NMR | Confirm to structure |

Prepared and Reviewed By

Approved By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Ms Rohini Gagare
(QA Head)

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