



CERTIFICATE OF ANALYSIS

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1. Identification

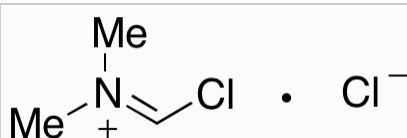
Catalogue Number: C369035

CAS Number: 3724-43-4

Product: (Chloromethylene)dimethylammonium Chloride(>85%)

Synonym: (Chloromethylene)Dimethylammonium Chloride;
(Chloromethylene)dimethylammonium Chloride; N-(Chloromethylene)-N-methylmethanaminium Chloride; Arnold's Reagent; Chloro(dimethylamino)Methylium Chloride; Chlorodimethylformiminium Chloride; Dimethyl(chloromethylene)Ammonium Chloride; Dimethylchloroformiminium Chloride; N,N-Dimethylchloroformiminium Chloride; N-(Chloromethylene)-N-methylmethanaminium Chloride;

Structure:



Molecular Formula:

C₃H₇Cl₂N

Molecular weight:

128.03

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 711934432-1-1

Purity: >85%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------------|--------------------------------|
| Elemental Analysis | Conforms | %C: 28.37, %H: 5.63, %N: 10.93 |
| MS | Conforms to Structure | Conforms |
| Appearance | Off-White to Pale Yellow Solid | Off-White to Pale Yellow Solid |
| Chloride Content | Report Result | 52.5% |
| C NMR | Conforms to Structure | Conforms |
| NMR | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|---|---|---|-----------|-------------|
| swathi reddy | Toni Rantanen | Chanell Chu | 1/18/2024 | 1/16/2028 |
|  |  |  | | |