



CERTIFICATE OF ANALYSIS

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1. Identification

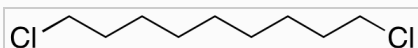
Catalogue Number: D434625

CAS Number: 821-99-8

Product: 1,9-Dichlorononane

Synonym: NSC 9477;

Structure:



Molecular Formula:

C₉H₁₈Cl₂

Molecular weight:

197.15

Source of Product:

N/A

Solubility:

Acetone (Slightly), Chloroform (Soluble), DMSO (Slightly), DMSO (Slightly), Meth

Lot Number: 20-ZEA-157-1

Purity: 98%

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: 55.11, %H: 9.22 |
| Appearance | Colourless Oil | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| GC | >95% | 99.37% |
| C 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 $\pm 2\%$. 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 |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 6/4/2021 | 6/2/2025 |