



## CERTIFICATE OF ANALYSIS

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### 1. Identification

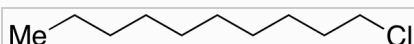
**Catalogue Number:** C365980

**CAS Number:** 1002-69-3

**Product:** 1-Chlorodecane

**Synonym:** Decyl Chloride; NSC 6088; n-Decyl Chloride

**Structure:**



**Molecular Formula:**

C<sub>10</sub>H<sub>21</sub>Cl

**Molecular weight:**

176.73

**Source of Product:**

N/A

**Solubility:**

Chloroform (Soluble), Ethyl Acetate (Slightly), Methanol (Slightly)

**Lot Number:** 2-HBN-28-1

**Purity:** 98%

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

**Storage Condition:** 20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

**Tests:**

**Specifications:**

**Results:**

Appearance

Colourless Oil

Clear Colourless Oil

C NMR

Conforms to Structure

Conforms

NMR

Conforms to Structure

Conforms

GC Purity

Report Result

98.29%

Elemental Analysis

Conforms

%C: 68.80, %H: 12.58

**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**

Nicole Yip

Toni Rantanen

Chanell Chu

3/17/2023

3/15/2030