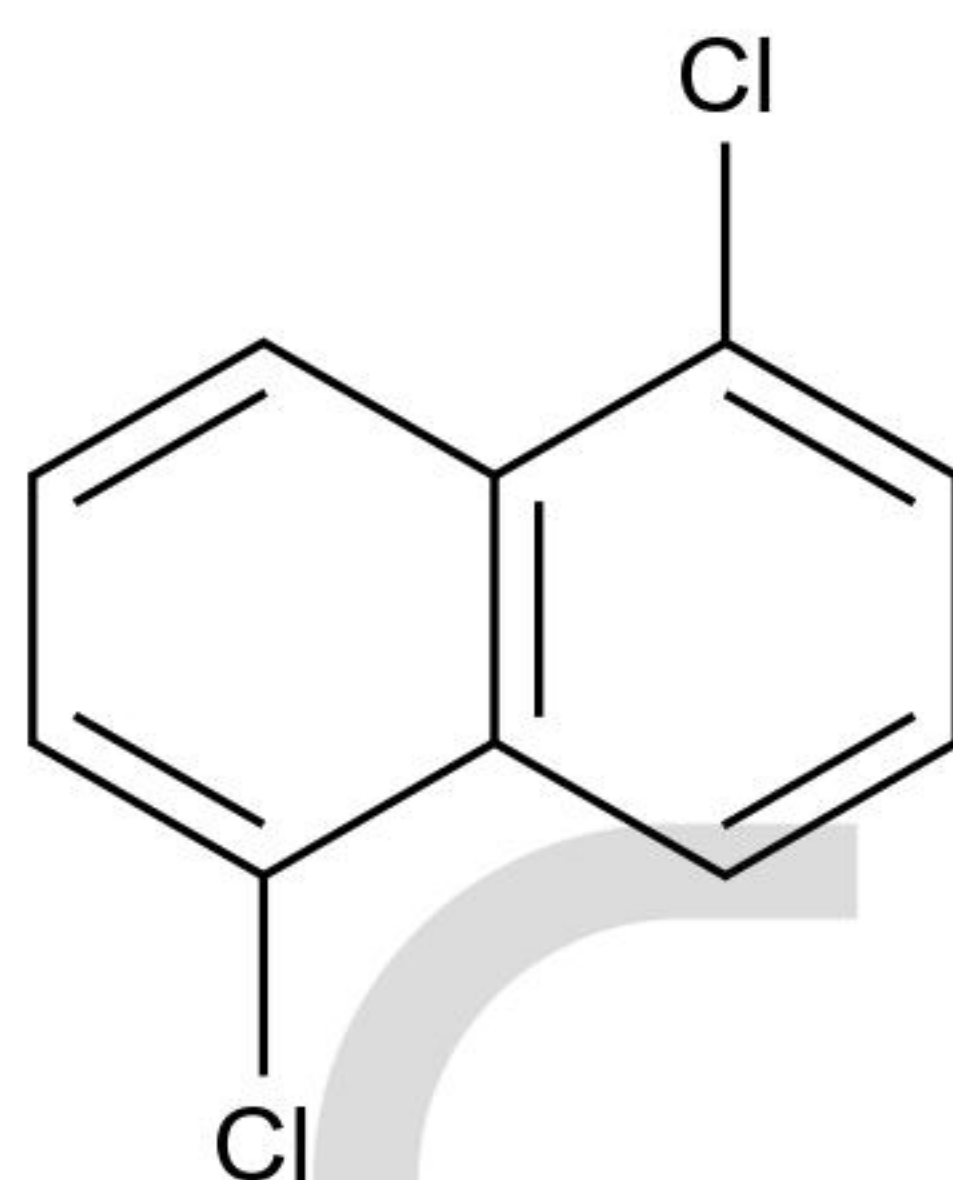


Certificate of Analysis

Reference Material

Product Name:	1,5-Dichloronaphthalene	Catalogue Number:	CCHM702224
Chemical Name:	N/A	Lot Number:	0602-RD-0041
CAS Number:	1825-30-5	Expiry Date:	Jul 01, 2027
Molecular Formula:	C ₁₀ H ₆ Cl ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	197.06		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Crystalline Solid
Purity	GC	96.85%
Water Content	Karl Fischer	0.1755%
Assay		96.7%
Uncertainty		±2.0%

Comment:

- No chromatogram available.
- The calculation of the 100% method follows the formula:

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$
 Water Content is considered as absolute effect, GC purity is considered as relative effect.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Xenia

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jul 01, 2021

Date: Jun 09, 2022

Date: Jun 09, 2022

