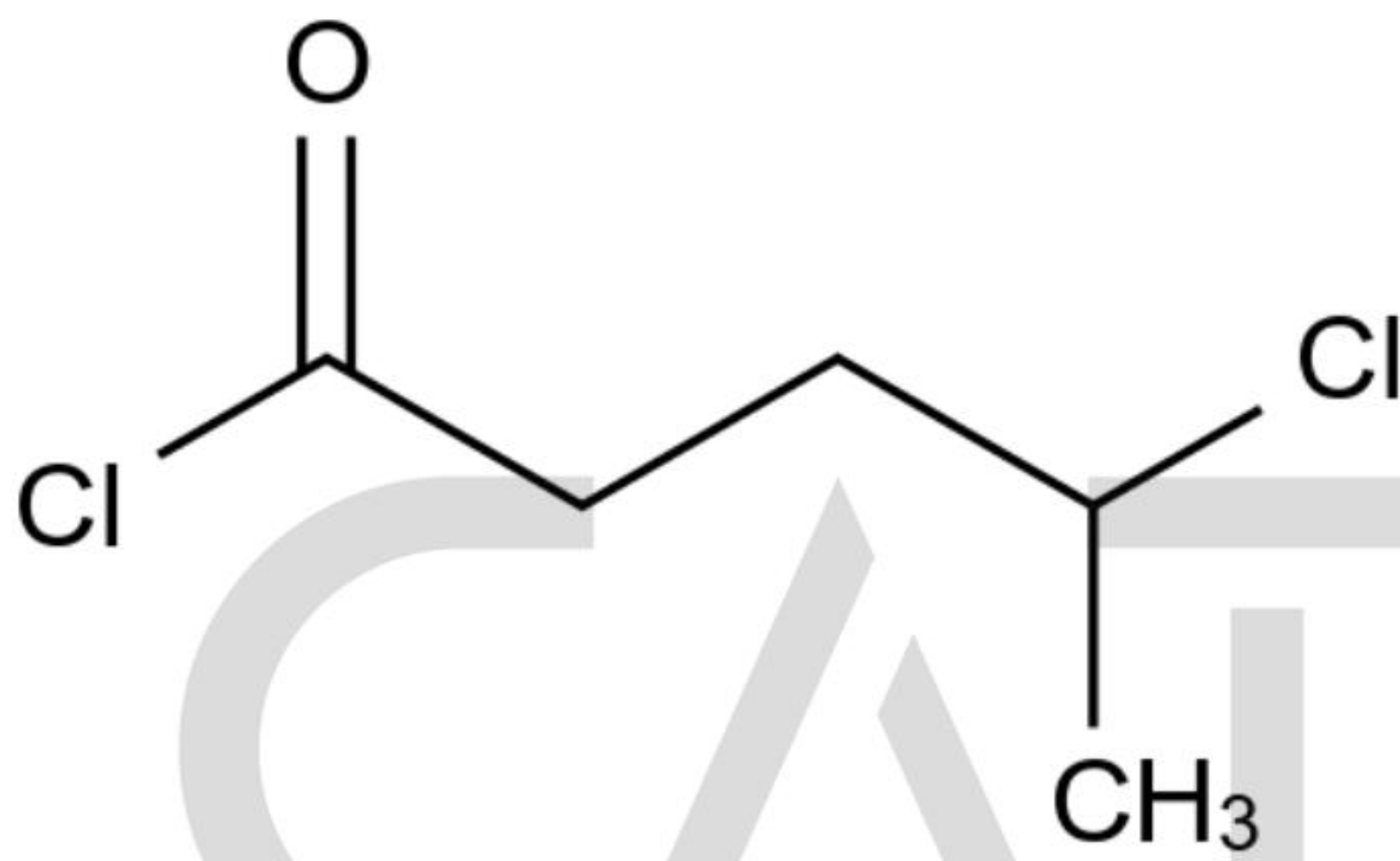


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Chloropentanoyl Chloride	Catalogue Number:	C1717406
Synonyms:	N/A	Lot Number:	0428-RG-0062
CAS Number:	63480-12-6	Expiry Date:	May 06, 2029
Molecular Formula:	C ₅ H ₈ Cl ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	155.02	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.3964%
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 07, 2025

Date: May 07, 2025

Date: May 07, 2025

