

Certificate of Analysis

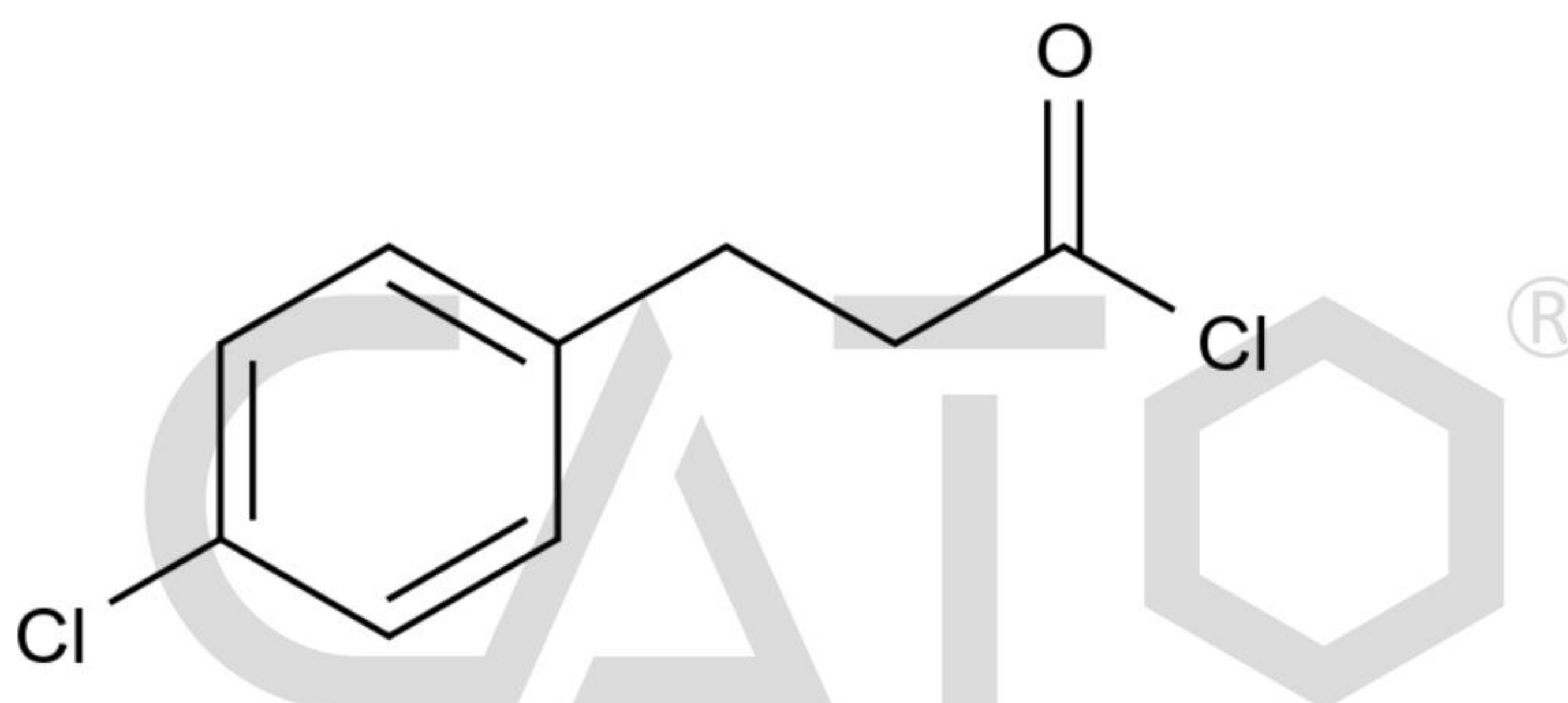
Reference Material & Standard

Product Name:	4-Chlorobenzenepropanoyl chloride	Catalogue Number:	C1650860
Synonyms:	N/A	Lot Number:	0424-RH-0050
CAS Number:	52085-96-8	Expiry Date:	May 11, 2030
Molecular Formula:	C ₉ H ₈ Cl ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	203.07	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Loss on Drying	TGA	0.3198%
Assay		99.7%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity GC (%) / 100%

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: May 12, 2026

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