

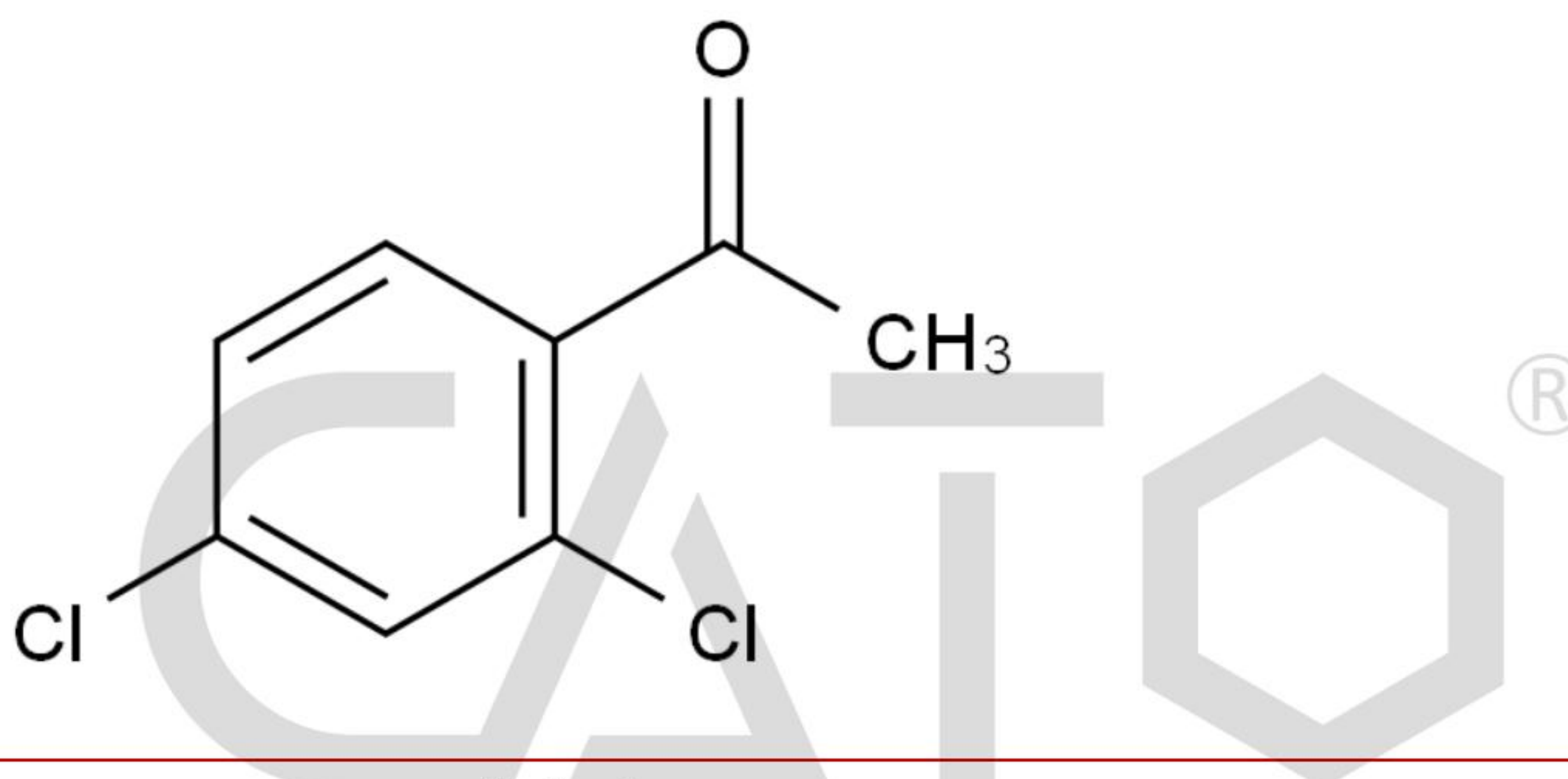
Certificate of Analysis

Reference Material & Standard

Product Name:	Ketoconazole Impurity 16	Catalogue Number:	C4X-147216
Synonyms:	2',4'-Dichloroacetophenone	Lot Number:	0822-RG-0063
CAS Number:	2234-16-4	Expiry Date:	Aug 21, 2029
Molecular Formula:	C ₈ H ₆ Cl ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	189.04	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Crystalline Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.2004%
Assay		99.8%

Comment:

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

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

Water Content is considered as absolute effect, HPLC 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: Aug 22, 2025

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