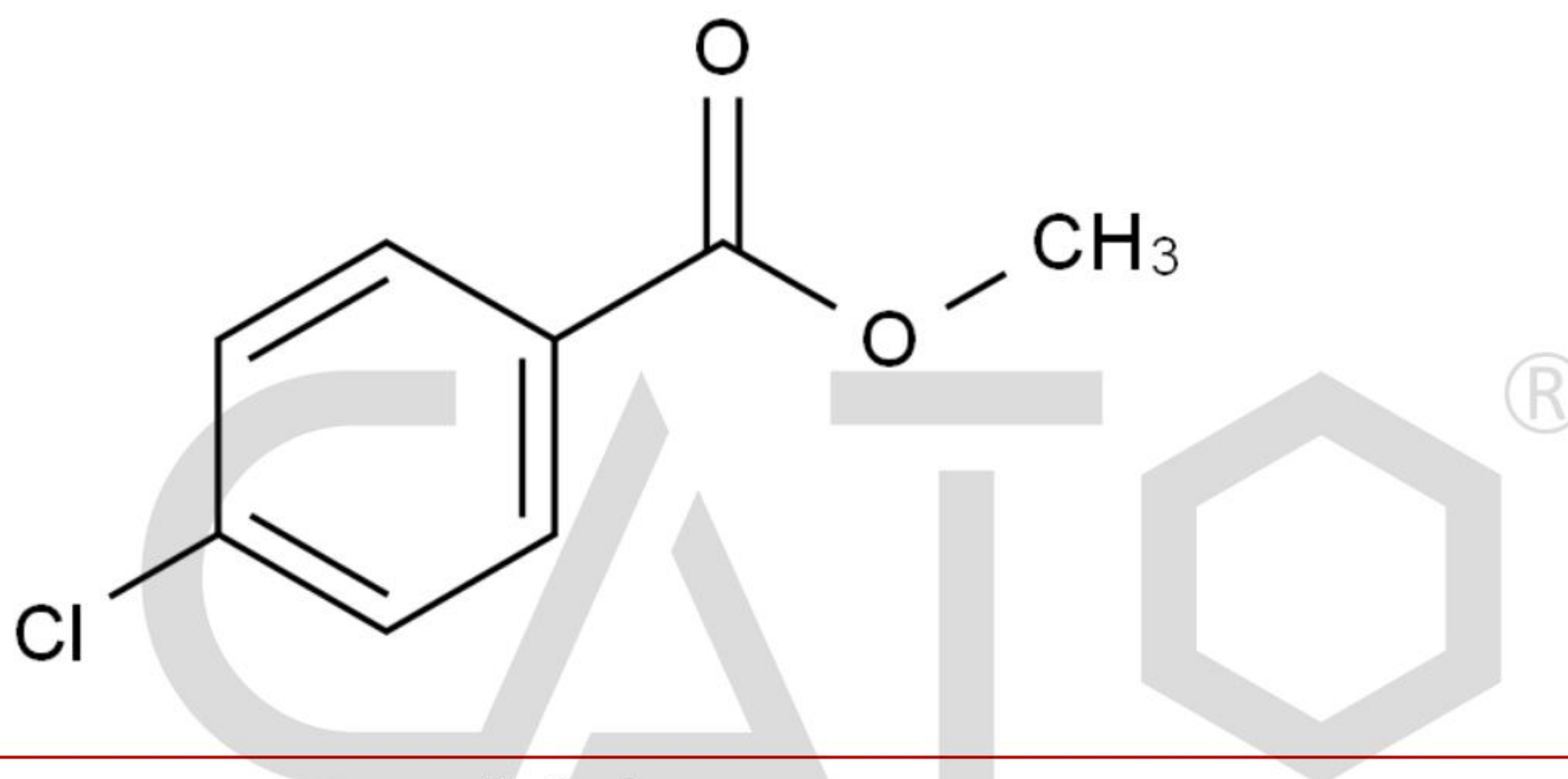


Certificate of Analysis

Reference Material & Standard

Product Name:	Decitabine Impurity 28	Catalogue Number:	C4X-113728
Synonyms:	Methyl 4-Chlorobenzoate	Lot Number:	0311-RC-0015
CAS Number:	1126-46-1	Expiry Date:	Feb 13, 2028
Molecular Formula:	C ₈ H ₇ ClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	170.59	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.4091%
Water Content	Karl Fischer	0.4940%
Residual Solvents	NMR	Not detected in NMR
Residue on Ignition	TGA	0.08%
Assay		96.8%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents} - \text{Residue on Ignition}) * \text{Purity HPLC (\%)} / 100\%$

Water Content, Residual Solvents and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 14, 2025

Date: Feb 14, 2025

Date: Feb 14, 2025

