

Certificate of Analysis

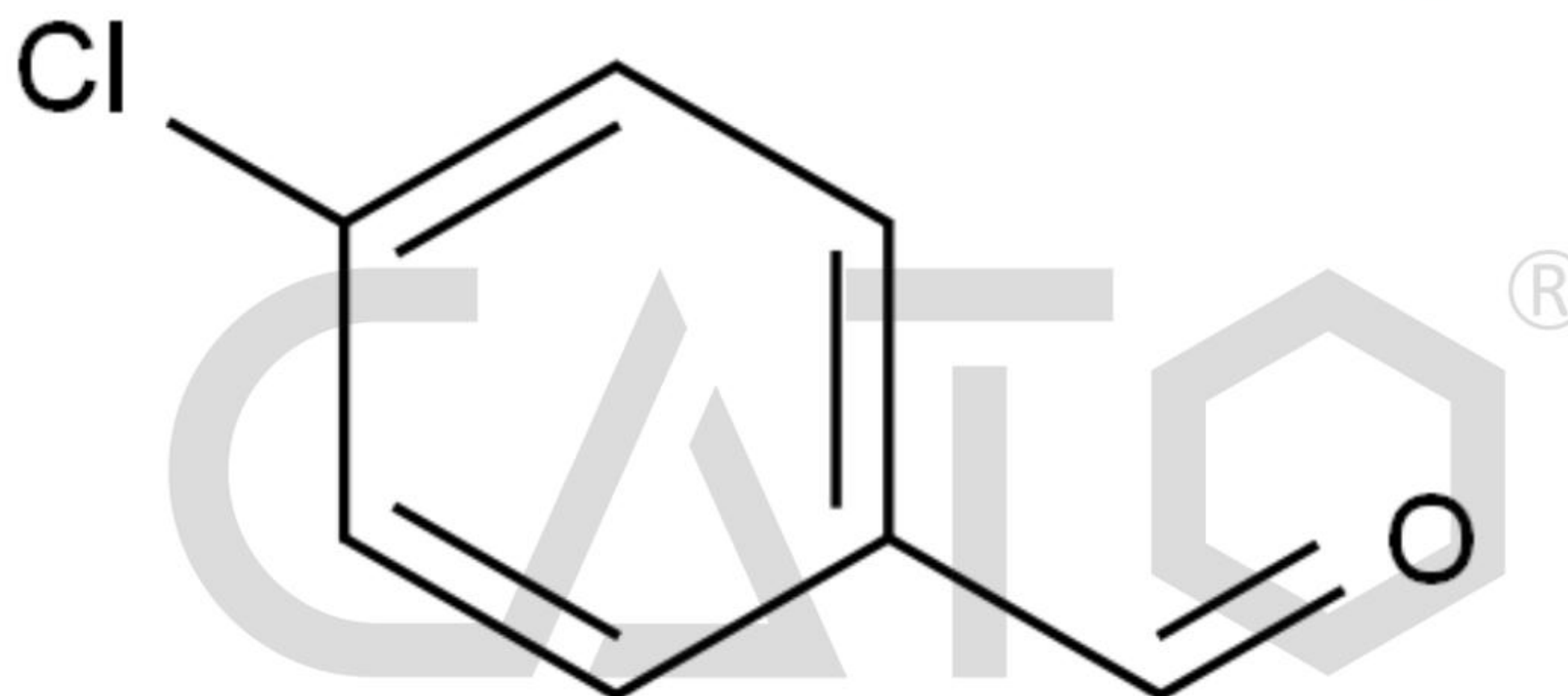
Reference Material & Standard

Product Name:	4-Chlorobenzaldehyde	Catalogue Number:	CCHM702391
Synonyms:	N/A	Lot Number:	0511-RF-0058
CAS Number:	104-88-1	Expiry Date:	May 10, 2028
Molecular Formula:	C ₇ H ₅ ClO	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	140.57	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Crystalline Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.9%
Assay	qNMR	97.4%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 11, 2024

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