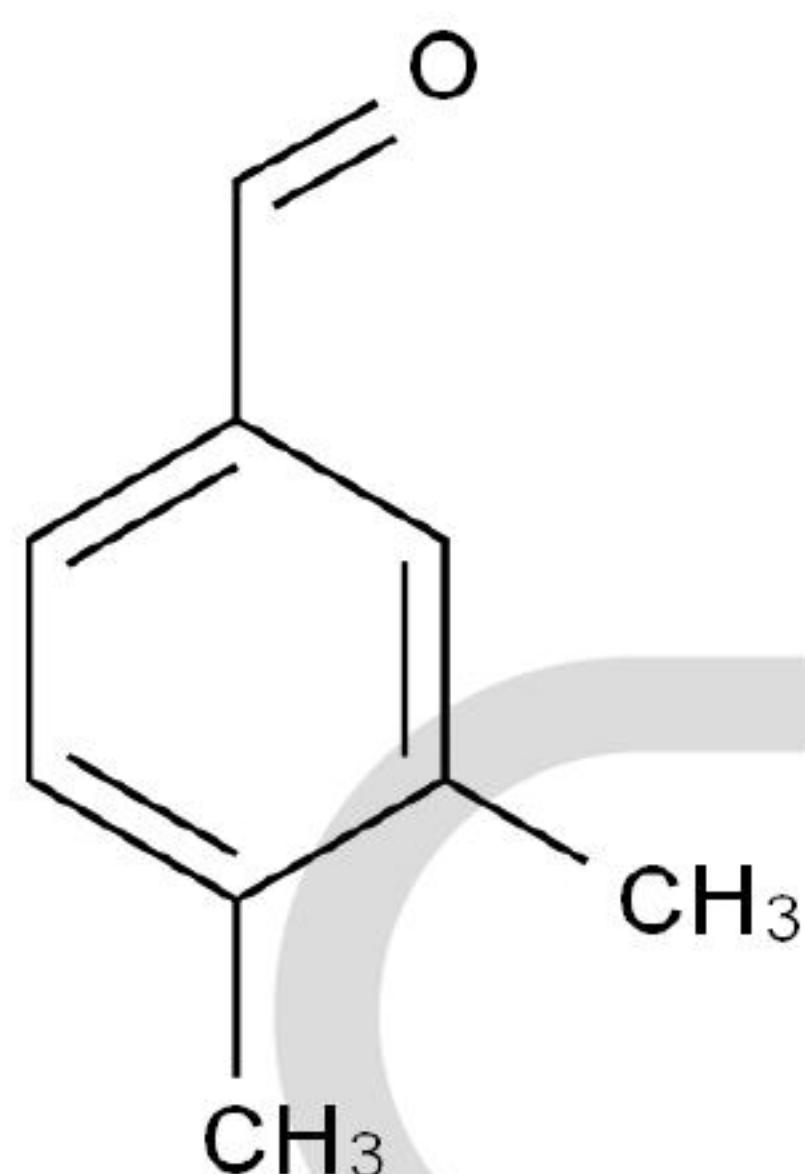


Certificate of Analysis

Reference Material & Standard

Product Name:	3,4-Dimethylbenzaldehyde	Catalogue Number:	CCHM705040
Synonyms:	N/A	Lot Number:	0123-RF-0046
CAS Number:	5973-71-7	Expiry Date:	Jan 25, 2028
Molecular Formula:	C ₉ H ₁₀ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	134.18	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	96.9%
Uncertainty		±2.0%

Comment:

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

Aporoved by General Manager:

David

Date: Jan 26, 2024

Date: Jan 26, 2024

Date: Jan 26, 2024

