

Certificate of Analysis

Reference Material & Standard

Product Name:	P-Tolualdehyde	Catalogue Number:	CCHM700158
Synonyms:	N/A	Lot Number:	0217-RG-0046
CAS Number:	104-87-0	Expiry Date:	Feb 16, 2029
Molecular Formula:	C ₈ H ₈ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	120.15	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.1%
Assay	qNMR	95.3%
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:

Hinlam

Approved by General Manager:

David

Date: Feb 17, 2025

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