

Certificate of Analysis

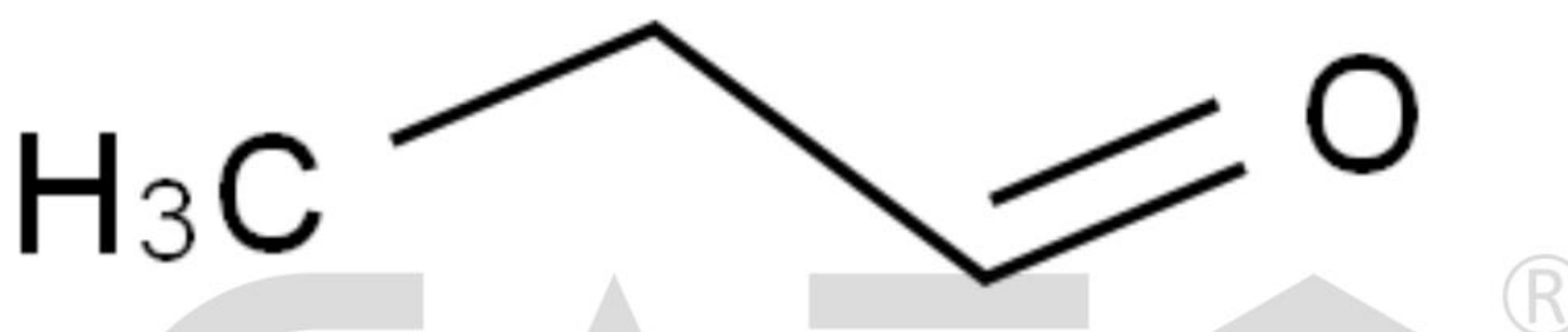
Reference Material & Standard

Product Name:	Propionaldehyde	Catalogue Number:	CCEM500693
Synonyms:	N/A	Lot Number:	0908-RG-0144
CAS Number:	123-38-6	Expiry Date:	Sep 16, 2027
Molecular Formula:	C ₃ H ₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	58.08		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	95.8%
Uncertainty		±0.9%

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

Approved by General Manager:

David

Date: Sep 17, 2025

Date: Sep 17, 2025

Date: Sep 17, 2025



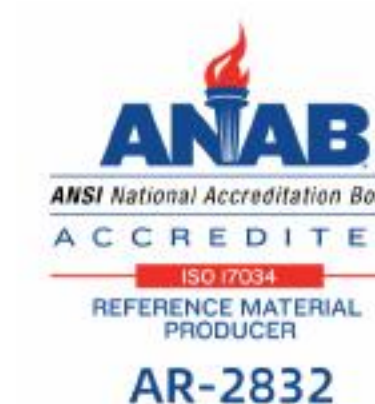
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 8



Official WeChat