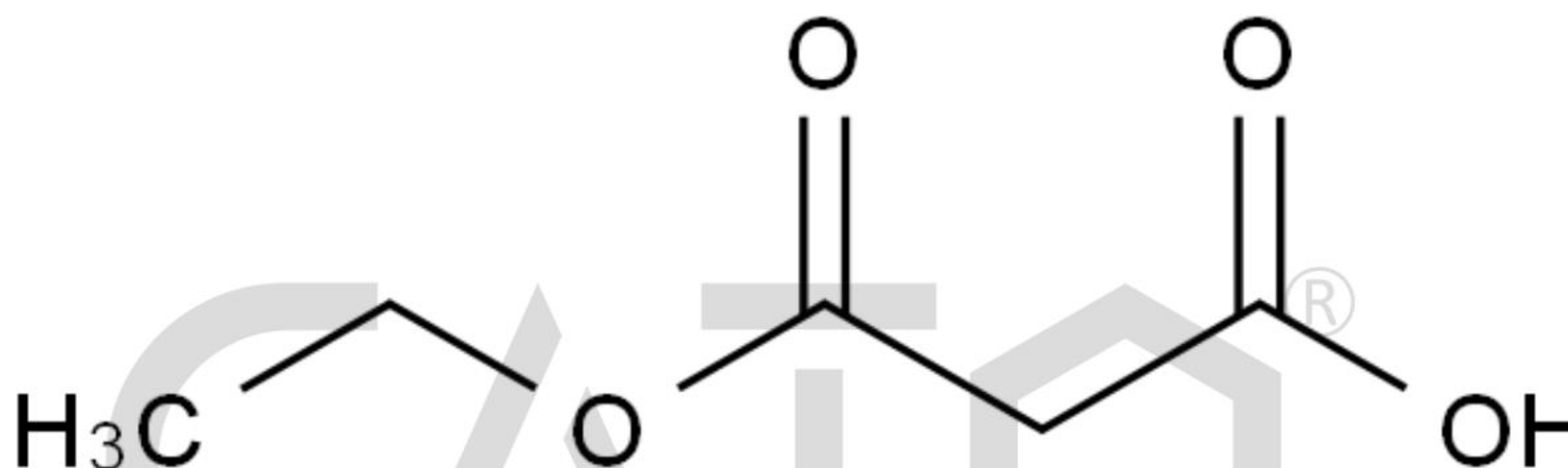


Certificate of Analysis

Reference Material & Standard

Product Name:	Monoethyl Malonate	Catalogue Number:	C3D-4510
Synonyms:	N/A	Lot Number:	0312-RH-0118
CAS Number:	1071-46-1	Expiry Date:	Mar 17, 2030
Molecular Formula:	C ₅ H ₈ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	132.11	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	GC	95.043%
Water Content	Karl Fischer	0.8604%
Assay		94.2%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 18, 2026

Date: Mar 18, 2026

Date: Mar 18, 2026



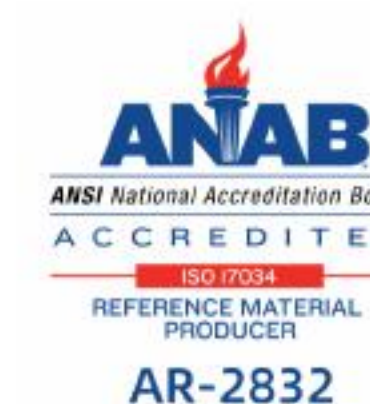
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