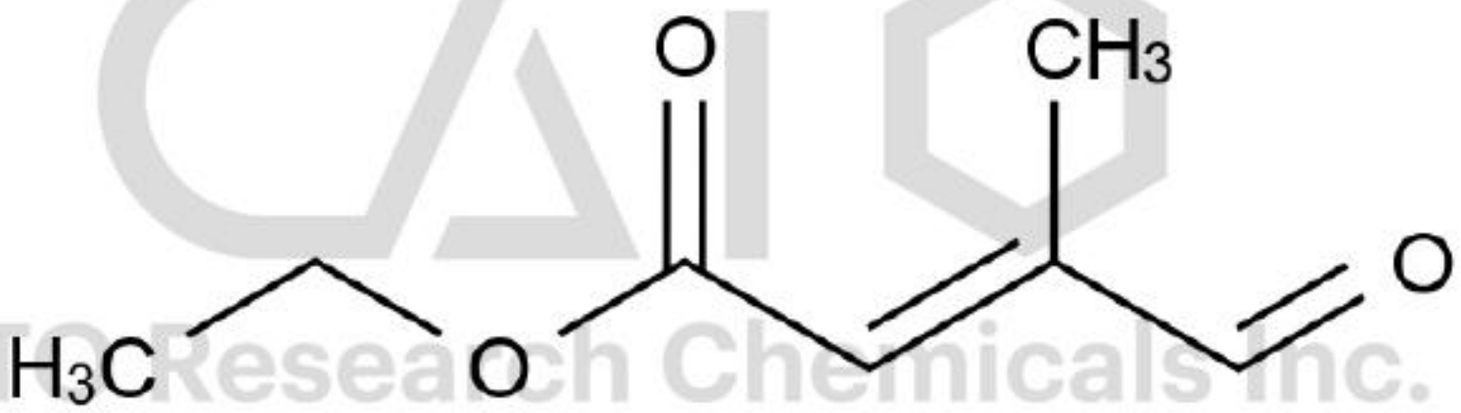
Certificate of Analysis

Reference Material & Standard

Product Name:	(E)-3-Methyl-4-oxo-2-butenoic Acid Ethyl Ester 3-Methyl-fumaraldehydic Acid Ethyl Ester 62054-49-3 Ethyl (2E)-3-Methyl-4-oxobut-2-enoate Ethyl 3-methyl-4-oxocrotonate Ethyl trans-3-Methyl-4-oxocrotonate Ethyl trans-3-methyl-4-oxo-2-butenoate Ethyl trans-|A-oxosenecioate	**Catalogue Number:**	C1922836
Synonyms:	N/A	**Lot Number:**	0318-SA-7520
CAS Number:	62054-49-3	**Expiry Date:**	Mar 17, 27
Molecular Formula:	$C_7H_{10}O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	142.15		

Warning:

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	96.745%

Signature:

Prepared by: Lisa — Date: Mar 18, 23

Reviewed by: Yuki — Date: Mar 18, 23

Approved by General Manager: David — Date: Mar 18, 23

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Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Mar 18, 23	First release.

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