

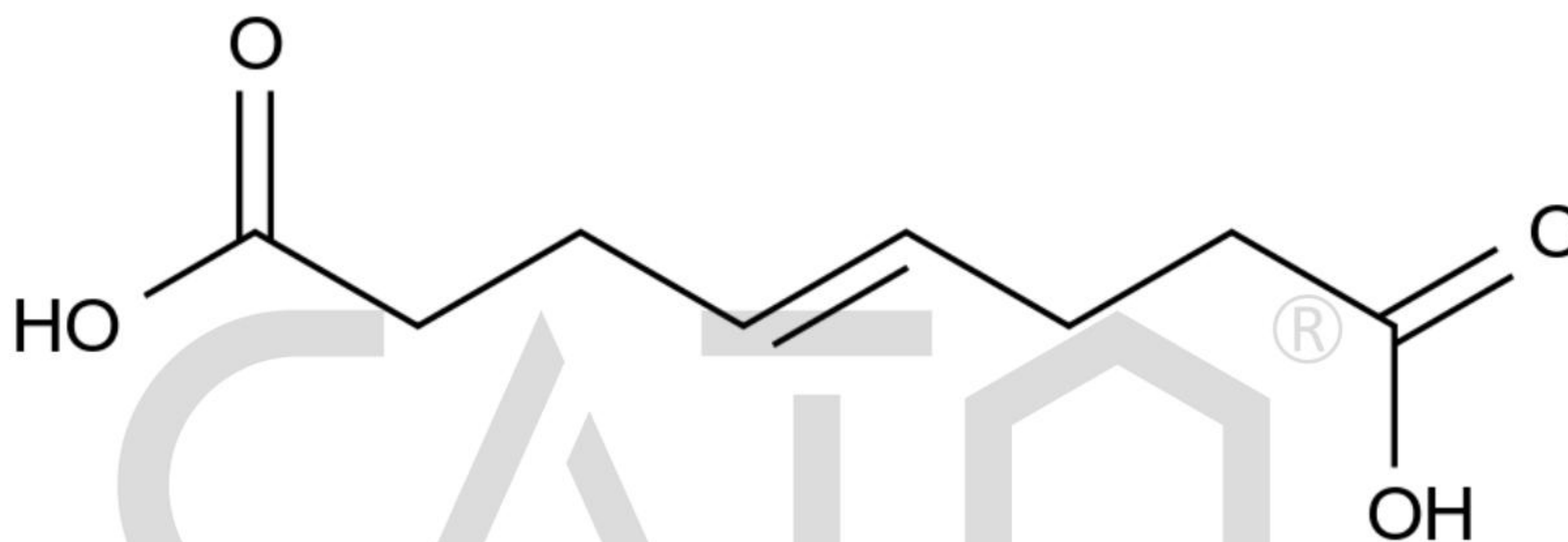
Certificate of Analysis

Reference Material & Standard

Product Name:	(E)-Oct-4-enedioic acid	Catalogue Number:	C1295355
Synonyms:	N/A	Lot Number:	0523-RG-0015
CAS Number:	14277-16-8	Expiry Date:	May 27, 2028
Molecular Formula:	C ₈ H ₁₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	172.18	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	GC	100.000%
Loss On Drying	TGA	0.2930%
Assay		99.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying 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: May 28, 2025

Date: May 28, 2025

Date: May 28, 2025

