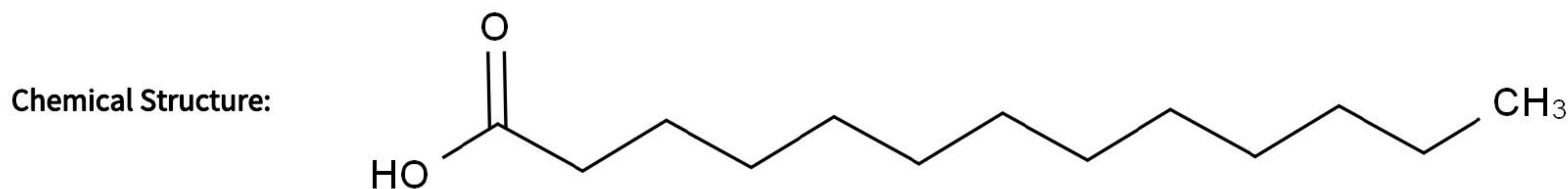


Certificate of Analysis

Reference Material & Standard

Product Name:	Tridecanoic Acid	Catalogue Number:	CCHM510130
Synonyms:	N/A	Lot Number:	0822-RG-0028
CAS Number:	638-53-9	Expiry Date:	Aug 21, 2029
Molecular Formula:	C ₁₃ H ₂₆ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	214.34	Warning:	



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	97.5%
Uncertainty		±0.5%

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:

Hinlam

Approved by General Manager:

David

Date: Aug 22, 2025

Date: Aug 22, 2025

Date: Aug 22, 2025

