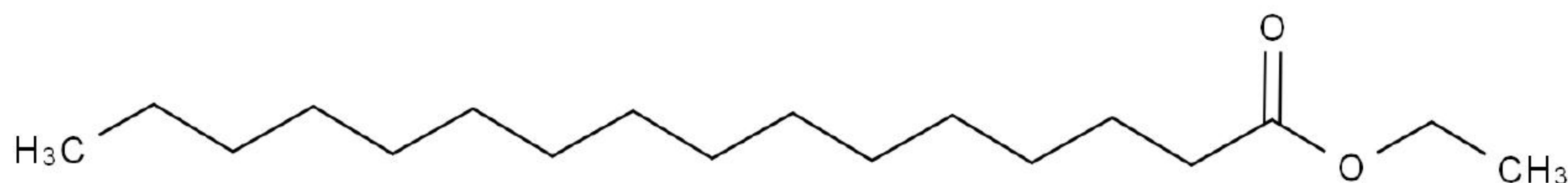


Certificate of Analysis

Reference Material & Standard

Product Name:	Hexadecanoic Acid Ethyl Ester	Catalogue Number:	CCFD200153
Synonyms:	N/A	Lot Number:	0920-RF-0055
CAS Number:	628-97-7	Expiry Date:	Sep 19, 2028
Molecular Formula:	C18H36O2	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	284.48		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colorless Melting Solid
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	GC	99.4%
Assay	qNMR	98.4%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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: Mar 26, 2025

Date: Mar 27, 2025

Date: Mar 27, 2025

