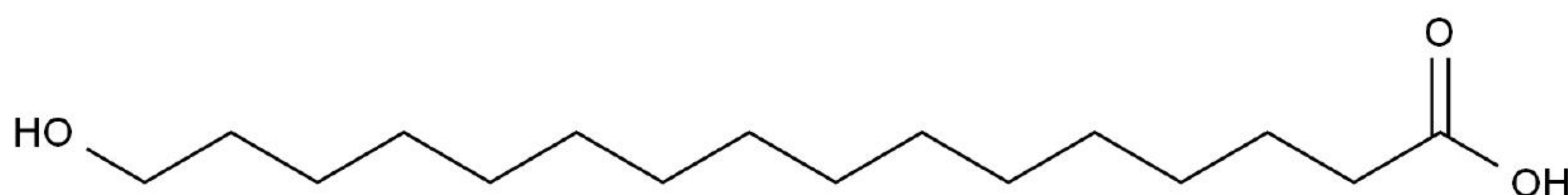


Certificate of Analysis

Reference Material & Standard

Product Name:	16-Hydroxyhexadecanoic Acid	Catalogue Number:	CCFD200948
Synonyms:	N/A	Lot Number:	0612-RG-0069
CAS Number:	506-13-8	Expiry Date:	Jun 17, 2029
Molecular Formula:	C16H32O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	272.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Assay	qNMR	99.2%
Uncertainty		±0.2%

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:

Koi

Approved by General Manager:

David

Date: Jun 24, 2025

Date: Jun 24, 2025

Date: Jun 24, 2025

