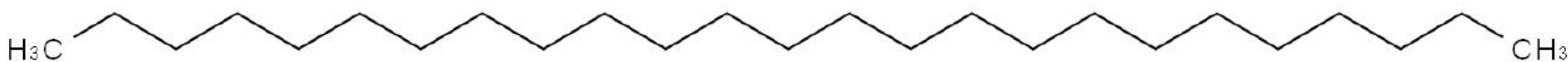


Certificate of Analysis

Reference Material & Standard

Product Name:	Pentacosane	Catalogue Number:	CCEM500656
Synonyms:	N/A	Lot Number:	0913-RC-0045
CAS Number:	629-99-2	Expiry Date:	Mar 27, 2029
Molecular Formula:	C ₂₅ H ₅₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	352.68		

Chemical Structure: 

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HNMR	Confirmed
Assay	qNMR	99.6%
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 28, 2025

Date: Mar 28, 2025

Date: Mar 28, 2025

