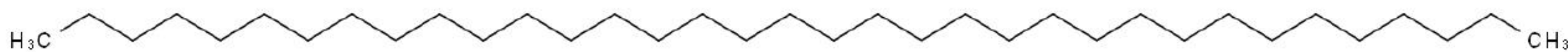


Certificate of Analysis

Reference Material

Product Name:	N-Pentatriacontane	Catalogue Number:	CCEM500659
Chemical Name:	N/A	Lot Number:	0621-RD-0022
CAS Number:	630-07-9	Expiry Date:	Jun 23, 2026
Molecular Formula:	C35H72	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	492.95		
Chemical Structure:			

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	96.585%
Loss On Drying	TGA	0.2059%
Assay		96.4%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula:

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

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

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:

Delia

Reviewed by:

Xenia

Aproved by General manager:

David

Date: Jun 24, 2022

Date: Jun 27, 2022

Date: Jun 27, 2022

