

Certificate of Analysis

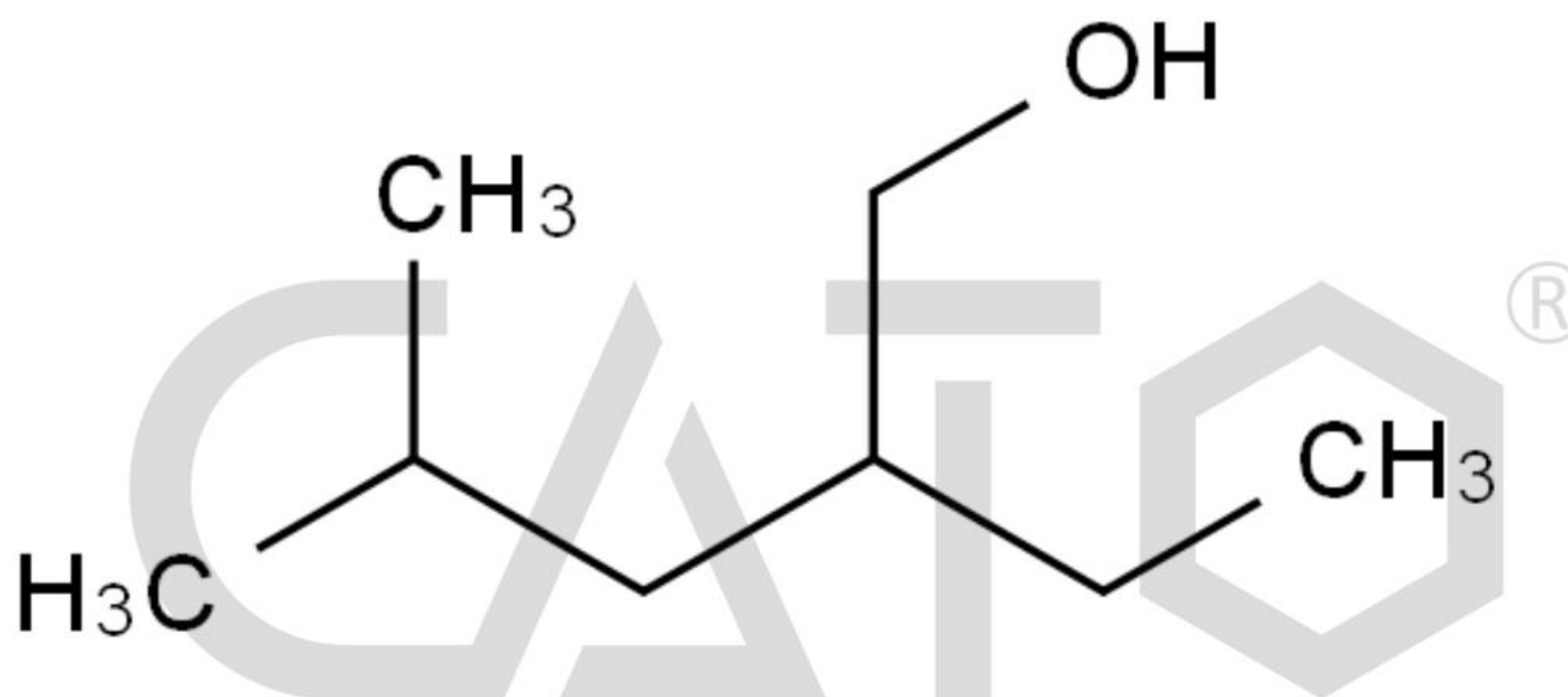
Reference Material & Standard

Product Name:	2-Ethyl-4-Methyl-1-Pentanol	Catalogue Number:	CCHM702075
Synonyms:	N/A	Lot Number:	1107-RD-0049
CAS Number:	106-67-2	Expiry Date:	Nov 09, 2026
Molecular Formula:	C ₈ H ₁₈ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	130.23	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	95.3%
Assay	qNMR	95.2%
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:

Debia

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Nov 10, 2022

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