

Certificate of Analysis

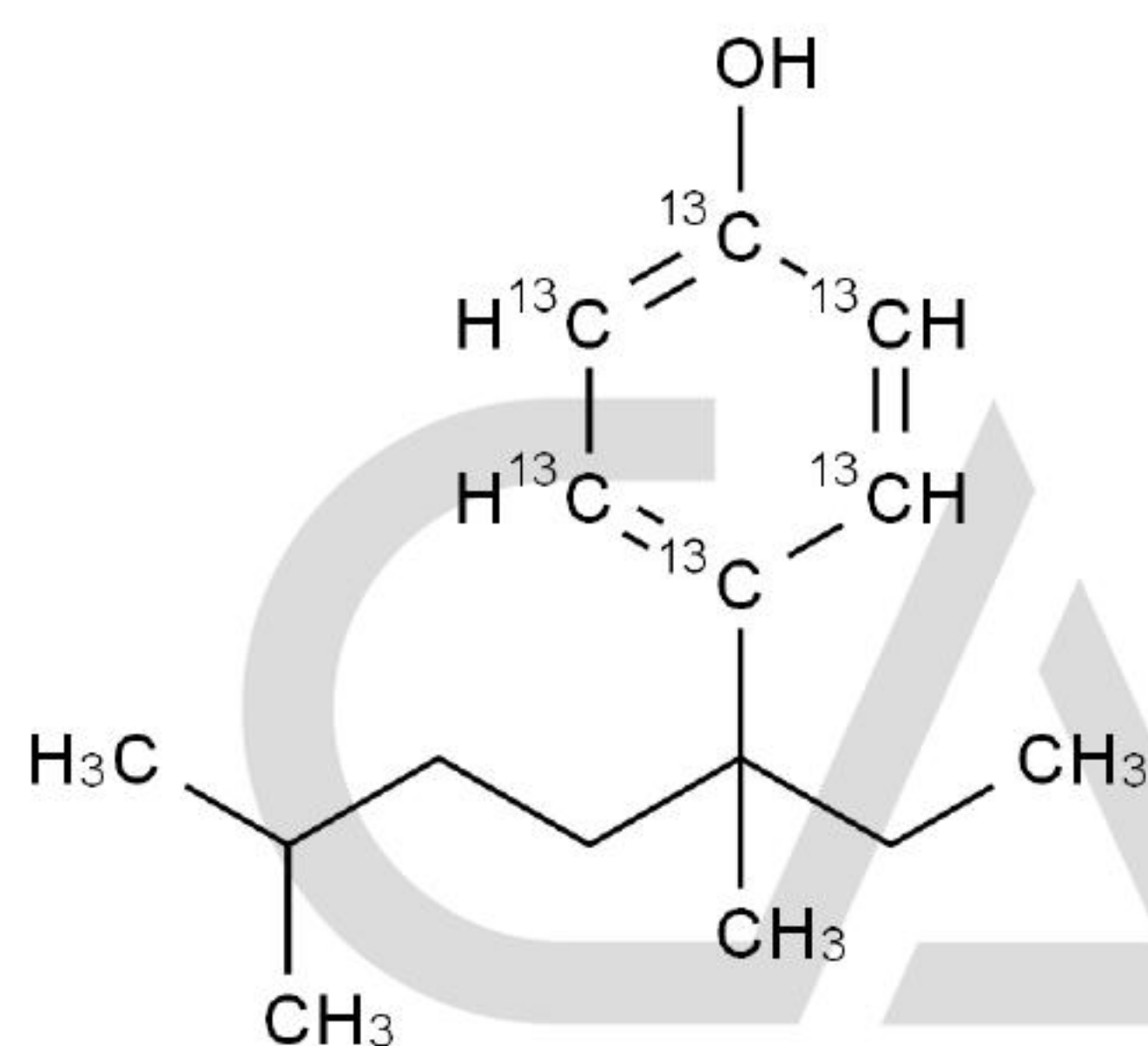
Reference Material & Standard

Product Name:	4-(3',6'-Dimethyl-3'-Heptyl)phenol-13C6	Catalogue Number:	CCHM702335
Synonyms:	N/A	Lot Number:	0331-RG-0042
CAS Number:	1173020-38-6	Expiry Date:	Jun 13, 2027
Molecular Formula:	C ₉ [13C] ₆ H ₂₄ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	226.31	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	HNMR	Confirmed
Chemical Purity	HPLC	99.4%
Isotopic Purity		99.0% 13C
Residual Solvents	NMR	0.2% ethyl acetate
Uncertainty		±2.0%

Comment:

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:

Lisa

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 03, 2025

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