

Certificate of Analysis

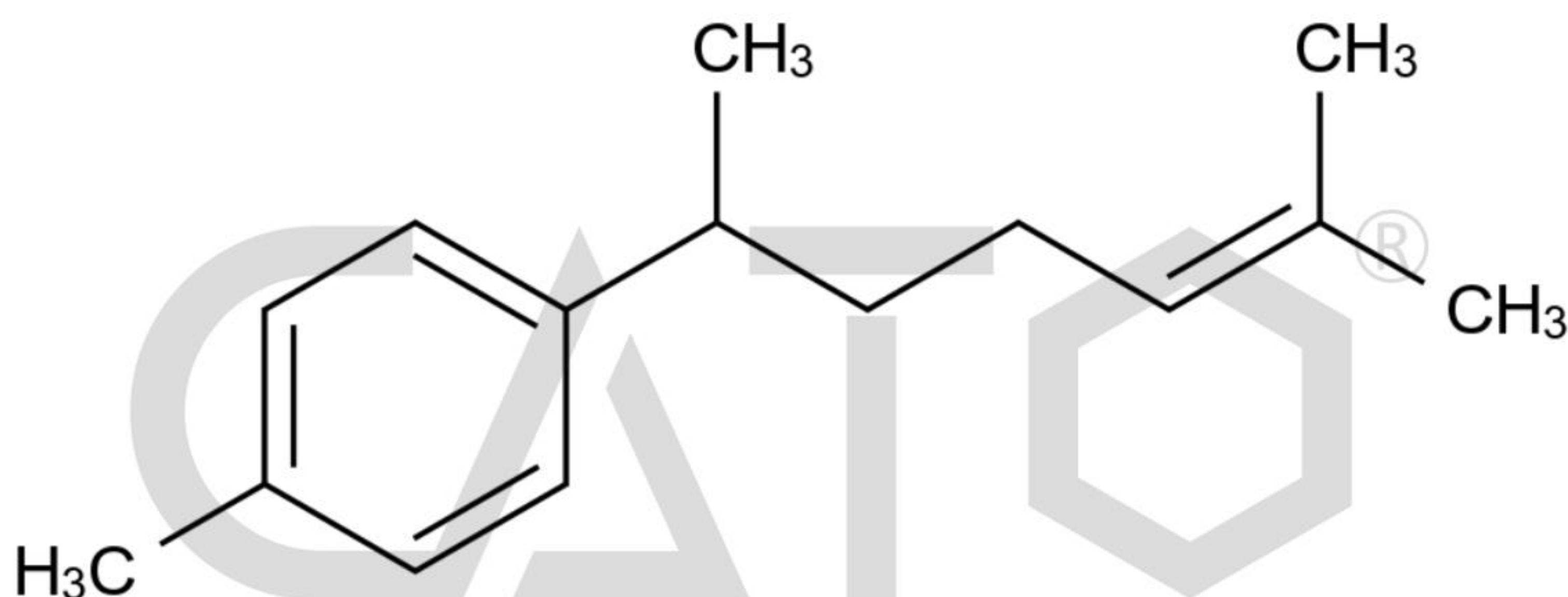
Reference Material & Standard

Product Name:	α -Curcumene	Catalogue Number:	C1789220
Synonyms:	N/A	Lot Number:	0909-RG-0018
CAS Number:	644-30-4	Expiry Date:	Dec 26, 2027
Molecular Formula:	$C_{15}H_{22}$	Storage:	-20°C $\pm$ 5°C Protected from light and Sealed
Molecular Weight:	202.34		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless to Light Yellow Liquid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.2%
Uncertainty		$\pm 0.2\%$

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:

Hinlam

Approved by General Manager:

David

Date: Sep 09, 2025

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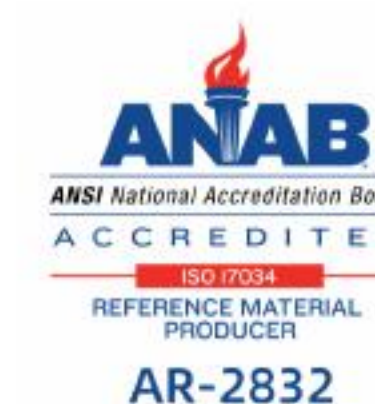
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