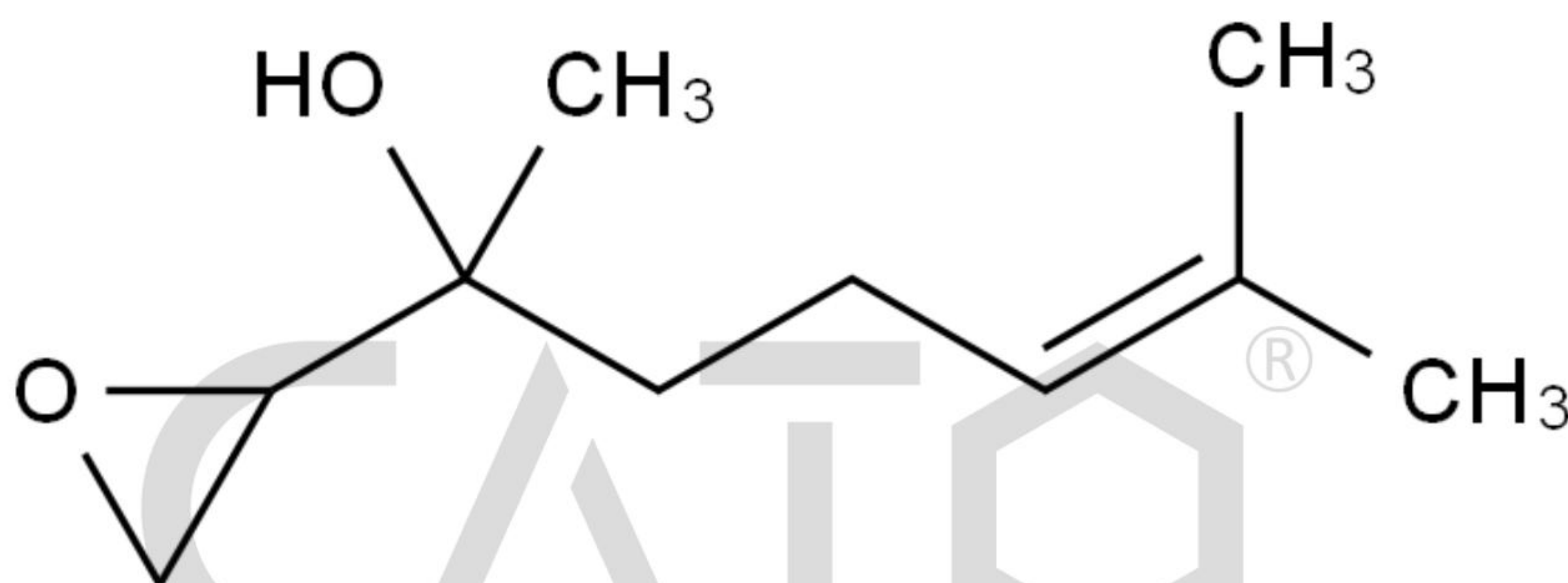


Certificate of Analysis

Reference Material & Standard

Product Name:	Epoxydihydrolinalool	Catalogue Number:	CCPD102501
Synonyms:	N/A	Lot Number:	1211-RB-0010
CAS Number:	1365-19-1	Expiry Date:	Jul 28, 2028
Molecular Formula:	C ₁₀ H ₁₈ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	170.25		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.577%
Water Content	Karl Fischer	0.3010%
Assay		98.3%
Uncertainty		±2.0%

Comment:

- Epoxydihydrolinalool is mixture of isomers.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$
 Water Content is considered as absolute effect, GC purity is considered as relative effect.
- 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:

Hinlam

Approved by General Manager:

David

Date: Jul 29, 2024

Date: Jul 30, 2024

Date: Jul 30, 2024

