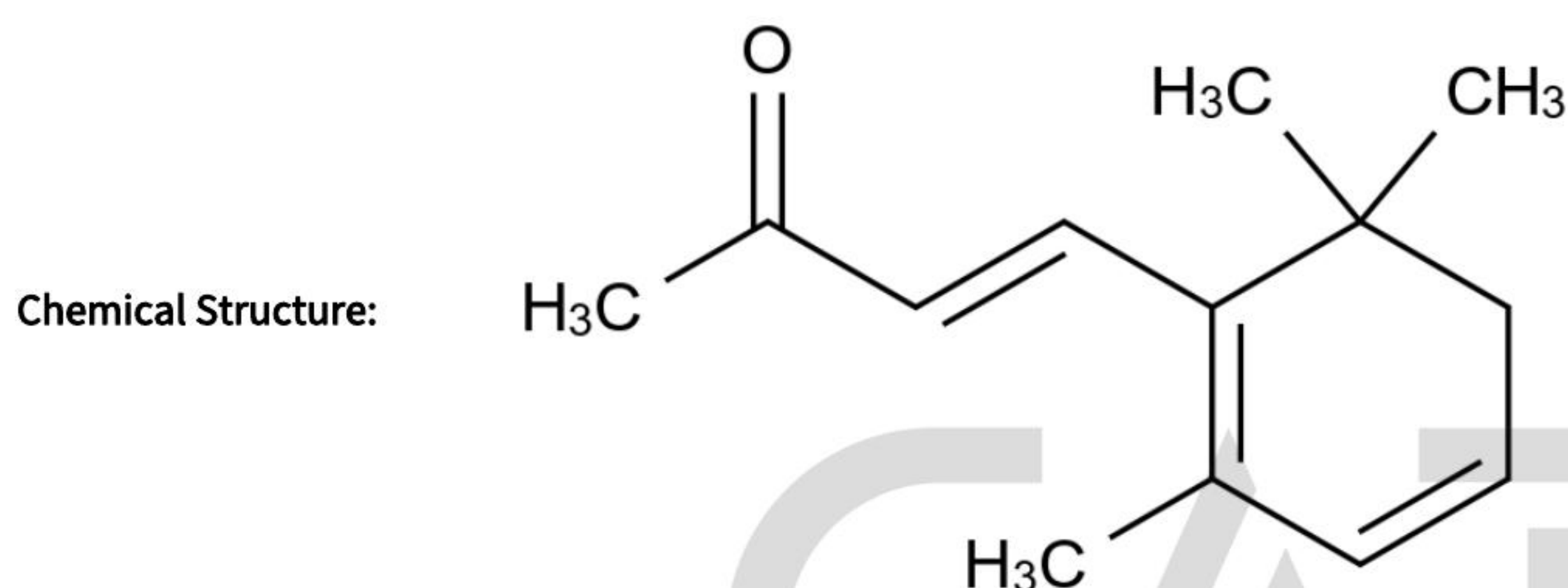


Certificate of Analysis

Reference Material & Standard

Product Name:	(3E)-4-(2,6,6-Trimethyl-1,3-cyclohexadien-1-yl)-3-buten-2-one	Catalogue Number:	C1301159
Synonyms:	N/A	Lot Number:	0808-RG-0066
CAS Number:	14398-35-7	Expiry Date:	Aug 12, 2029
Molecular Formula:	C ₁₃ H ₁₈ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	190.28	Warning:	



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.517%
Loss On Drying	TGA	0.4567%
Assay		97.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 13, 2025

Date: Aug 13, 2025

Date: Aug 13, 2025

