

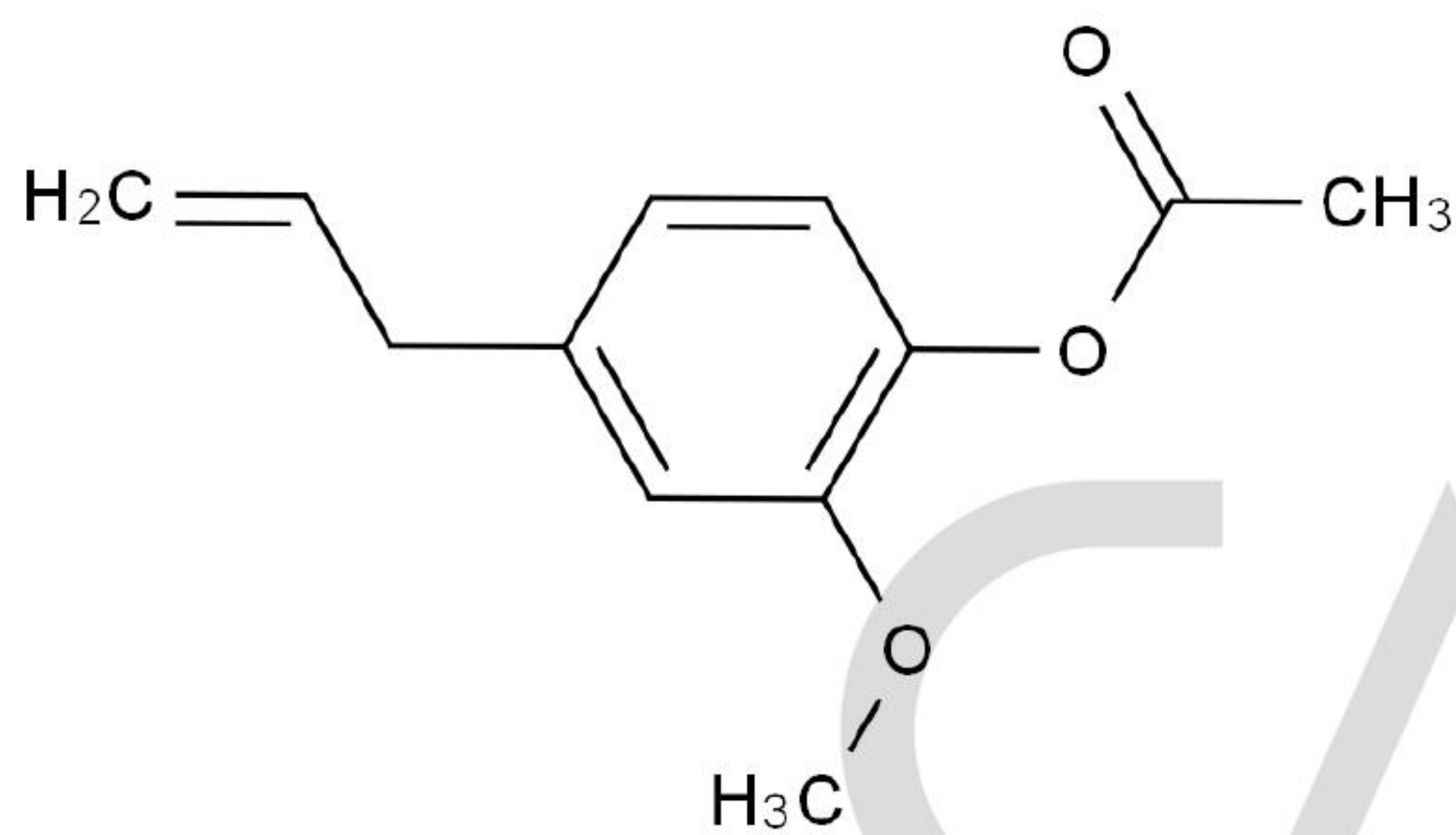
Certificate of Analysis

Reference Material & Standard

Product Name: Eugenyl Acetate
Synonyms: N/A
CAS Number: 93-28-7
Molecular Formula: C₁₂H₁₄O₃
Molecular Weight: 206.24
Chemical Structure:

Catalogue Number: CCHM700543
Lot Number: 0814-RE-0043
Expiry Date: Aug 10, 2027
Storage: Room Temp Protected from light and Sealed

Warning:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.785%
Loss On Drying	TGA	4.1059%
Assay		94.7%
Uncertainty		±2.0%

Comment:

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

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

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

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:

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Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Aug 14, 2023

Date: Aug 14, 2023

Date: Aug 14, 2023

