

# Certificate of Analysis

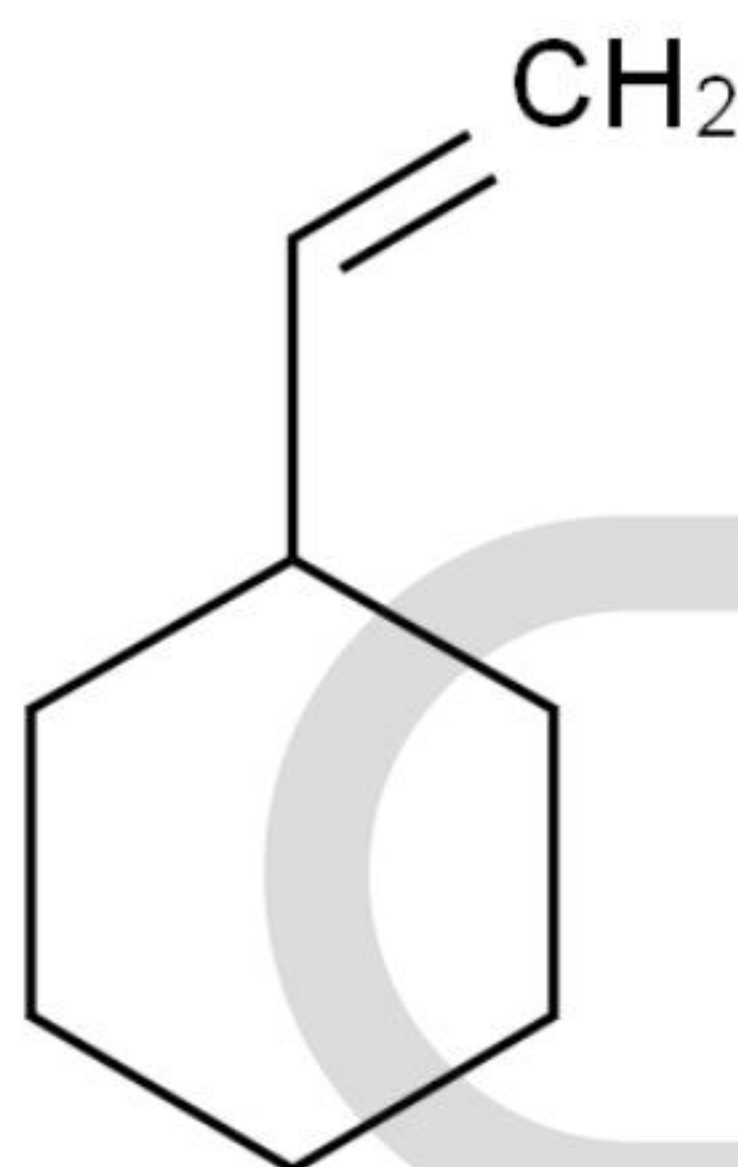
## Reference Material & Standard

|                    |                                |                   |                                           |
|--------------------|--------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Vinylcyclohexane               | Catalogue Number: | CCHM702653                                |
| Synonyms:          | N/A                            | Lot Number:       | 1031-RF-0019                              |
| CAS Number:        | 695-12-5                       | Expiry Date:      | Nov 03, 2028                              |
| Molecular Formula: | C <sub>8</sub> H <sub>14</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 110.20                         |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 98.8%             |
| Assay          | qNMR              | 93.5%             |
| Uncertainty    |                   | ±2.0%             |

## Comment:

1. Assay was determined by quantitative <sup>1</sup>H-NMR.
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:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Nov 04, 2024

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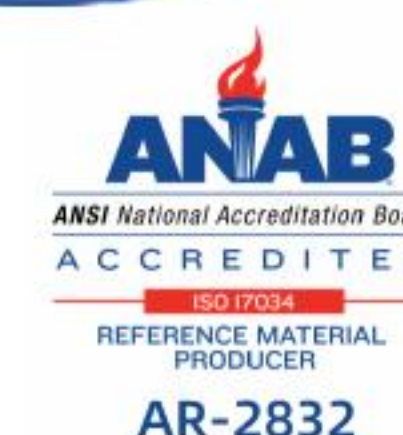
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