

# Certificate of Analysis

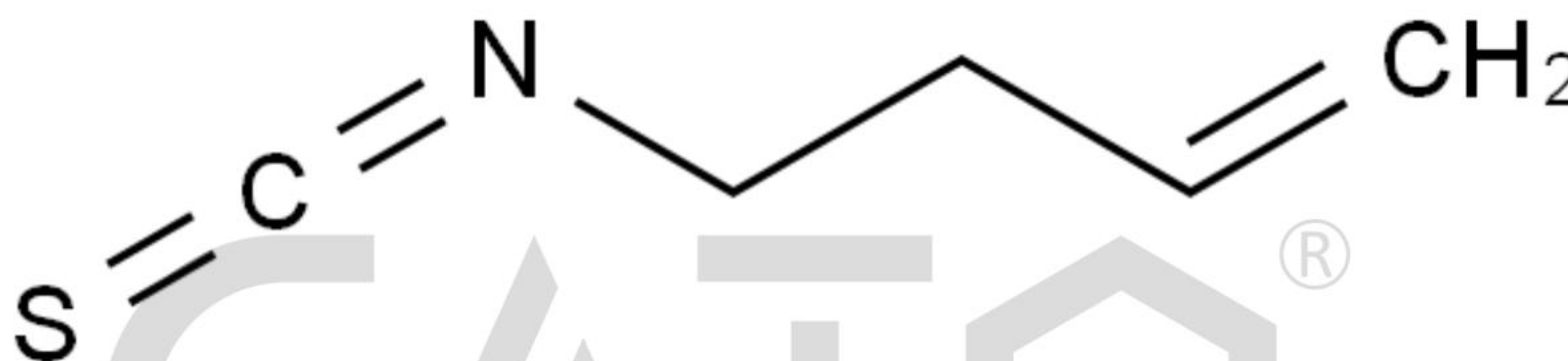
## Reference Material & Standard

|                    |                                  |                   |                                           |
|--------------------|----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | 3-Butenyl isothiocyanate         | Catalogue Number: | CCHM702713                                |
| Synonyms:          | N/A                              | Lot Number:       | 0903-RG-0030                              |
| CAS Number:        | 3386-97-8                        | Expiry Date:      | Sep 02, 2029                              |
| Molecular Formula: | C <sub>5</sub> H <sub>7</sub> NS | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 113.18                           |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 100.0%            |
| Uncertainty    |                   | ±0.1%             |

## 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:

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Reviewed by:

*Hin Lam*

Approved by General Manager:

*David*

Date: Sep 03, 2025

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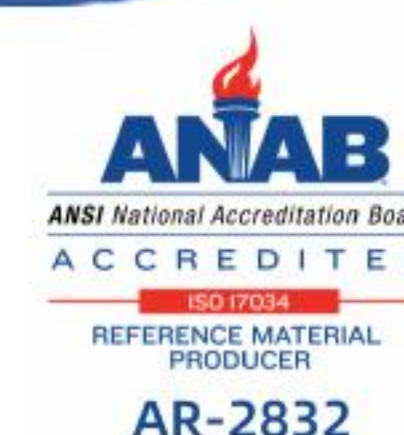
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