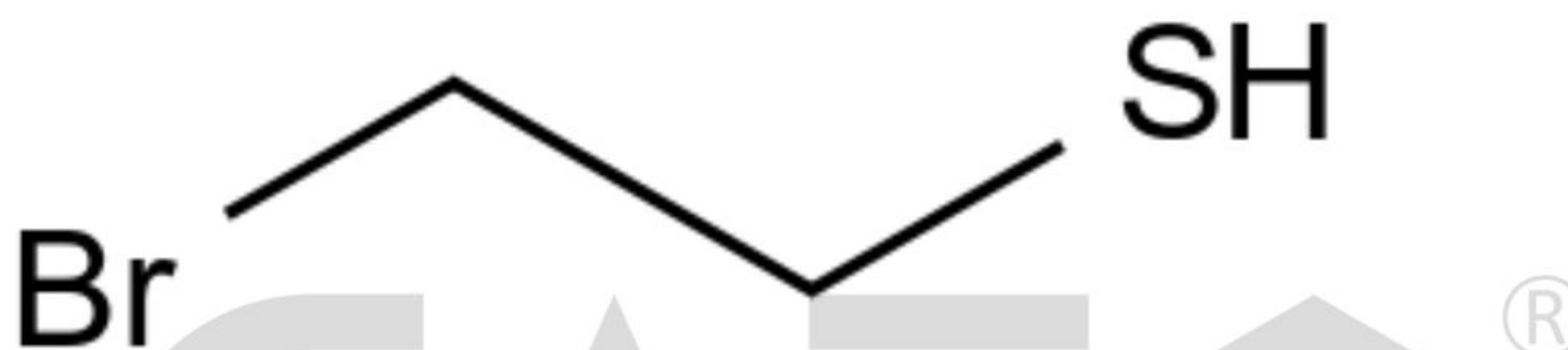


# Certificate of Analysis

## Reference Material & Standard

|                    |                                   |                   |                                                                                     |
|--------------------|-----------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | 2-Bromoethanethiol                | Catalogue Number: | C1618172                                                                            |
| Synonyms:          | N/A                               | Lot Number:       | 0902-RF-0049                                                                        |
| CAS Number:        | 6982-46-3                         | Expiry Date:      | Sep 09, 2027                                                                        |
| Molecular Formula: | C <sub>2</sub> H <sub>5</sub> BrS | Storage:          | -20°C±5°C Protected from light and Sealed                                           |
| Molecular Weight:  | 141.03                            | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 88.801%           |
| Water Content  | Karl Fischer      | 0.4366%           |
| Assay          |                   | 88.4%             |

## Comment:

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

Assay (%) = (100%-Water Content) \* Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Sep 10, 2024

Date: Sep 10, 2024

Date: Sep 10, 2024

