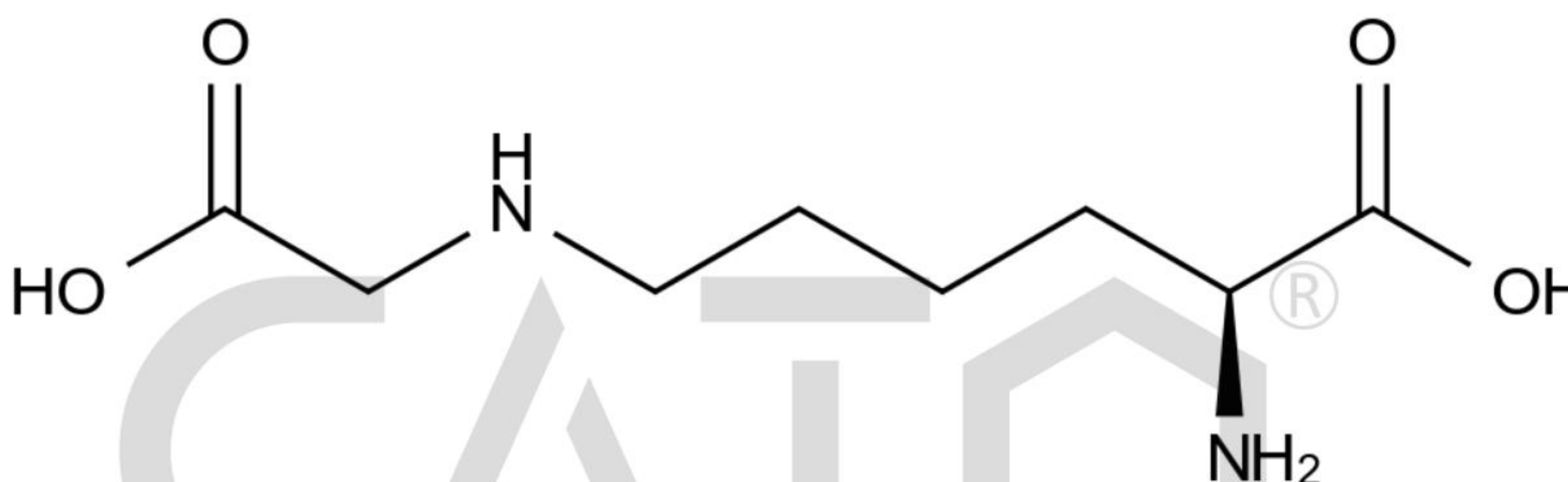


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                              |                   |                                                                                     |
|--------------------|--------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Nε-(1-Carboxymethyl)-L-lysine                                | Catalogue Number: | CCHM704588                                                                          |
| Synonyms:          | N/A                                                          | Lot Number:       | 1225-RE-0031                                                                        |
| CAS Number:        | 5746-04-3                                                    | Expiry Date:      | Jun 13, 2027                                                                        |
| Molecular Formula: | C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> | Storage:          | -20°C±5°C Protected from light and Sealed                                           |
| Molecular Weight:  | 204.22                                                       | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed                |
| Purity         | ELSD              | 99.7%                    |
| Uncertainty    |                   | ±2.0%                    |

## 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:

*Lisa*

Reviewed by:

*Hinlam*

Aporoved by General Manager:

*David*

Date: Dec 26, 2023

Date: Dec 26, 2023

Date: Dec 26, 2023

