

# **CERTIFICATE OF ANALYSIS**

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#### 1. Identification

Catalogue H943900 Number:

DL-5-Hydroxy-DL-lysine Product: Hydrochloride

Structure:

OH CO<sub>2</sub>H **HCI**  $NH_2$ 

CAS 13204-98-3 Number:

Synonym: 5-Hydroxylysine Hydrochloride; 5-

Hydroxylysine Monohydrochloride; NSC

206302:

Molecular Formula:

C6H14N2O3 • HCl

Molecular weight:

162.10 + 36.46

Source of Product:

N/A

Solubility:

Water (Slightly)

11/27/2023

11/25/2027

Lot 711899215-2-1 Number:

This Product Is Stable To Be **Shipping** 

Condition: Shipped At Room Temperature

**Purity:** 98%

Storage Condition: 20°C

### 2. Warning

Warning 1: Warning 2: Warning 3:

## 3. Analytical Information

Tests: Specifications: Results:

White to Off-White Solid White to Off-White Solid Appearance

**NMR** Conforms to Structure Conforms

Elemental Analysis Conforms %C: 36.31, %H: 7.66, %N: 14.40

99.97% (ELSD) **HPLC Purity** Report Result

MS Conforms to Structure Conforms Chloride Content Report Result 17.6%

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

#### 4. Signatures

C of A Approved **Reviewed By Reviewed By Test Date Retest Date** Henry Tieu Toni Rantanen Chanell Chu