



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **L-NIL . dihydrochloride**  
[L-N<sup>6</sup>-(1-Iminoethyl)-lysine.2 HCl]; CAS# [159190-45-1]  
C<sub>8</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub> . 2 HCl . 0.25 H<sub>2</sub>O, M.W. 264.67

**PRODUCT NUMBER:** I-1001

**LOT NUMBER:** A9139

**APPEARANCE:** White deliquescent solid

**SOLUBILITY:** 100 mg/ml soluble in water or methanol

**PURITY (TLC):** Major spot (98%), R<sub>f</sub> 0.12

**OPTICAL ROTATION:** Calculated  
 $[\alpha]_D^{20} + 14.5^\circ$   
c = 2.97, water

<b>ELEMENTAL ANALYSIS:</b>	<u>Calculated</u>	<u>Actual</u>
C:	36.31%	36.49%
H:	7.42%	7.55%
N:	15.88%	15.64%
Cl:	26.79%	26.55%

**STORAGE & HANDLING:** -20°C. *Extremely hygroscopic.* Protect from moisture. Store desiccated under an inert atmosphere in the freezer. Bottle must reach room temperature before opening. Keep under inert gas.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: