



CERTIFICATE OF ANALYSIS

PRODUCT: L-NIL . dihydrochloride
[L-N⁶-(1-Iminoethyl)-lysine . 2 HCl];
C₈H₁₇N₃O₂ • 2HCl, M.W. 260.2 CAS# [159190-45-1]

PRODUCT NUMBER: I-1001

LOT NUMBER: B1212

APPEARANCE: White deliquescent solid

SOLUBILITY: Clear colorless solution in methanol or water (100 mg/ml)

THIN-LAYER CHROMATOGRAPHY: Silica gel, solvent system; n-butanol/water/formic acid/chloroform/methanol (6:2:1:1:1, v/v/v/v/v); visualization-(1) ninhydrin, heat followed by (2) sulfuric acid/ethanol, heat. One major component (98%), R_f 0.12.

OPTICAL ROTATION: $[\alpha]_D^{11} + 14.4^\circ$ (c = 2.02, water)

ELEMENTAL ANALYSIS:	SPECIFICATIONS:	RESULTS:
	C: 35.46%	C: 35.71%
	H: 7.51%	H: 7.57%
	N: 15.51%	N: 14.91%
	Cl: 26.17%	Cl: 25.85%

***Calculated for C₈H₁₇N₃O₂ • 2HCl•0.6H₂O (M.W. 270.97)*

A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102
SAN DIEGO, CA
92121



STORAGE & HANDLING: Store desiccated under inert gas at -20°C. Warm to room temperature before opening container. Repackaging of this material should be carried out under inert gas, preferably in a glove box. WARNING: **EXTREMELY HYGROSCOPIC!**

CAUTION: For laboratory research & scientific manufacturing 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: KT