

# Certificate of Analysis

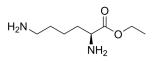
# L-Lysine ethyl ester dihydrochloride

Cat. No.:	HY-W014373
CAS No.:	3844-53-9
Batch No.:	149710
Chemical Name:	L-Lysine, ethyl ester, hydrochloride (1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_8H_{20Cl_2N_2O_2}$		
Molecular Weight:	247.16		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

### **Chemical Structure:**



2HCI

#### **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
OR[α](C=0.719% ETOH):	13.2°
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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