

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	10859
Product	L-Cystine bis-ethyl ester dihydrochloride (Disulfide Bond) (H-L-Cys-OEt) ₂ •2HCl
CAS Number	22735-07-5
Molecular Formula	C ₁₀ H ₂₀ N ₂ O ₄ S ₂ •2HCl
Molecular Weight	369.33
Appearance	White powder
Solubility	Clear, colorless solution (5% in H ₂ O)
Melting Point	190-194 °C
Anion	≥ 19.5% (Chloride content: Titration)
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/MeOH/Acetic Acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic Acid/H ₂ O (60:30:9:16.5) n-butanol/Acetic Acid/H ₂ O/Pyridine (30:6:24:20) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	≥ 99%
Storage	Store at ≤ -4 °C

For Laboratory Use Only