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Certificate of Analysis

Catalogue Number	10859
Lot Number	000127-0502291
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	192 °C
Anion	19.6% (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
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager