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Product Specifications

Catalogue Number	00628
Product	L-Cysteine ethyl ester hydrochloride
	L-Cys-OEt•HCl
CAS Number	868-59-7
Molecular Formula	C ₅ H ₁₁ NO ₂ S•HCl
Molecular Weight	185.7

Appearance	White crystalline powder
Heavy Metals	≤ 10 ppm
Arsenic (As₂O₃)	≤ 1 ppm
Anion	Chloride (Cl ⁻): 18.8-19.28% Sulfate (SO ₄): ≤ 0.03%
Cation	Ammonium (NH ₄): ≤ 0.02%
pH	2.5-3.5
Optical Rotation	[α] _D ²⁰ = -12.0 to -15.0°
Transmission	≥ 98%
Loss on Drying	≤ 0.30%
Other Amino Acids	Chromatographically not detectable
Residue On Ignition	≤ 0.10%
Assay by titration	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only