

Analytical Data Sheet

Lot number **1070125**
not for drug use

Catalog number **E-2860.0005**
Product number **4016470.0005**
Product **(H- Cys- OEt)₂ · 2 HCl**
(Disulfide bond)
Molecular formula **C₁₀H₂₀N₂O₄S₂ · 2 HCl**
Relative molecular mass **369.33**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in H ₂ O)
Identification (TLC)	complies with authentic material
Melting point	192 °C
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/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
Chloride content (titration)	19.6%

Latest update: February 14, 2017

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