

Analytical Data Sheet

Lot number **1072488**
not for drug use

Catalog number **E-2720.0025**
Product number **4012395.0025**
Product **H- Cys(Bzl) - OEt · HCl**
Molecular formula **C₁₂H₁₇NO₂S · HCl**
Relative molecular mass **275.80**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in ethanol)
Identification (elemental analysis)	Theory Found C = 52.26 % C = 51.98 % H = 6.58 % H = 6.70 % N = 5.08 % N = 5.05 %
Identification (TLC)	complies with authentic material
Melting point	162° C
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Chloride content (titration)	12.9% (AgNO ₃)

Latest update: July 08, 2017

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