

Analytical Data Sheet

Lot number **1060635**
not for drug use

Catalog number **E-3435.0250**
Product number **4027857.0250**
Product **H- Lys(biotinyl) - OH**
Molecular formula **C₁₆H₂₈N₄O₄S**
Relative molecular mass **372.49**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in water)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	93.1% (HClO ₄)
Water content (KF volumetric)	4.3%
Chloride content (titration)	0.7% (AgNO ₃)

Latest update: July 28, 2015

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