

Analytical Data Sheet

Lot number **1069384**
not for drug use

Catalog number **M-1935.0500**
Product number **4018082.0500**
Product **Ac- Cys(farnesyl) - OH**
Molecular formula **C₂₀H₃₃NO₃S**
Relative molecular mass **367.55**

Tests	Results
Appearance	yellow-red oil
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 367.5u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 90/10/0.5/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	90.6% (TBAH)
Water content (KF volumetric)	0.1%
General comment	product is sensitive to light and prone to oxidation

Latest update: January 09, 2017

Analytical Data Sheet
Lot number **1069384**