

Analytical Data Sheet

Lot number **1000009084**
not for drug use

Catalog number **E-1130.0250**
Product number **4000925.0250**
Product **Ac- Lys- NHMe**
Molecular formula **C₉H₁₉N₃O₂**
Relative molecular mass **201.27**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -15.3^\circ$ (1% in methanol)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	96.8% (HClO ₄)
Water content (KF volumetric)	0.8%

Latest update: November 16, 2018

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