

Analytical Data Sheet

Lot number **1069953**
not for drug use

Catalog number **A-3885.0005**
Product number **4029048.0005**
Product **Boc- Lys(Me)₂- OH**
Molecular formula **C₁₃H₂₆N₂O₄**
Relative molecular mass **274.36**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.9% (Nth 10.21%, Nfd 9.99%)
Assay (titration)	97.9% (TBAH)

Latest update: February 06, 2017

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