

## Analytical Data Sheet

Lot number **1073364**  
not for drug use

Catalog number **A-1925.0001**  
Product number **4002809.0001**  
Product **Boc- Lys- OMe acetate salt**  
Molecular formula  $C_{12}H_{24}N_2O_4$   
Relative molecular mass 260.33

Tests	Results
Appearance	clear, colorless oil
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -16.2^\circ$ (1 % in methanol)
Purity (TLC)	$\geq 99\%$
TLC conditions	ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/4/1/3 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	68.2% (HClO <sub>4</sub> )
Water content (KF volumetric)	1.9%
Acetic acid content (HPLC)	23.7%

Latest update: September 13, 2017

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