

**Analytical Data Sheet**

**Lot number** **1000033232**  
not for drug use

**Product** Boc-Lys-OMe acetate salt

**Product number** **4002809.0005**

**Molecular formula**  $C_{12}H_{24}N_2O_4$

**Relative molecular mass** 260.33

Tests	Results
<b>Appearance</b>	clear, colorless oil
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in methanol )
<b>Identification (TLC)</b>	complies with authentic material
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = -16.2^\circ$ (1% in methanol)
<b>Purity (TLC)</b>	$\geq 99\%$
<b>TLC conditions</b>	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
<b>Assay (titration)</b>	68.2% (HClO <sub>4</sub> )
<b>Water content (KF volumetric)</b>	1.9%
<b>Acetic acid content (HPLC)</b>	23.7%

Latest update: June 26, 2020

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