

# Analytical Data Sheet

Lot number

**1044057**

not for drug use

<b>Catalog Number</b>	F-1302.0005
<b>Product number</b>	4004438.0005
<b>Product</b>	H- D- Lys(Boc) - OH
<b>Molecular formula</b>	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
<b>Relative molecular mass</b>	246.31

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in AcOH 80 %)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99 %
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 isopropanol/ammonia conc. 1/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	97.4 % (Nth 11.37 %, Nfd 11.07 %)
<b>Water content (KF volumetric)</b>	2.1 %
Latest update: August 09, 2012	

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