

## Analytical Data Sheet

Lot number **1000009921**  
not for drug use

**Catalog number** A-2560.0250  
**Product number** 4014184.0250  
**Product** Boc- His(1- Me) - OH  
**Molecular formula** C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>  
**Relative molecular mass** 269.30

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in H <sub>2</sub> O)
<b>Identification (TLC)</b>	conforms with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	97.5% (Nth 15.60 %, Nfd 15.21 %)
<b>Water content (KF volumetric)</b>	1.5%

Latest update: December 11, 2018

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