

## Analytical Data Sheet

Lot number **1052705**  
not for drug use

Catalog number **A-3220.0005**  
Product number **4015642.0005**  
Product **Boc- Dap- OH**  
Molecular formula  $C_8H_{16}N_2O_4$   
Relative molecular mass 204.23

Tests	Results
Appearance	white powder
Appearance of solution	clear, yellowish solution (50 mg/mL in methanol 50%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.2% H-Dap-OH < 0.2% Boc-Asn-OH
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 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
Enantiomer content (GC)	0.1% D-Enantiomer
Assay (elemental analysis)	97.0% (Nth 13.72%, Nfd 13.30%)
Water content (KF volumetric)	2.6%

Latest update: March 14, 2014

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