

## Analytical Data Sheet

Lot number **1000013338**  
not for drug use

Catalog number **A-1750.0005**  
Product number **4000223.0005**  
Product **Boc- Gly- Gly- OH**  
Molecular formula  $C_9H_{16}N_2O_5$   
Relative molecular mass 232.24

Tests	Results								
Appearance	white powder with lumps								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 46.3 %</td><td>C = 46.0 %</td></tr><tr><td>H = 7.0 %</td><td>H = 6.8 %</td></tr><tr><td>N = 12.0 %</td><td>N = 12.0 %</td></tr></tbody></table> <p>calc. as x 0.07 H<sub>2</sub>O (0.5 %)</p>	Theory	Found	C = 46.3 %	C = 46.0 %	H = 7.0 %	H = 6.8 %	N = 12.0 %	N = 12.0 %
Theory	Found								
C = 46.3 %	C = 46.0 %								
H = 7.0 %	H = 6.8 %								
N = 12.0 %	N = 12.0 %								
Identification (TLC)	conforms with authentic material								
Melting point	132 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB								
Water content (KF volumetric)	0.5%								

Latest update: March 07, 2019

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