

Analytical Data Sheet

Lot number **1073520**
not for drug use

Catalog number **A-1740.0005**
Product number **4001353.0005**
Product **Boc- Gly- ONp**
Molecular formula $C_{13}H_{16}N_2O_6$
Relative molecular mass 296.28

Tests	Results
Appearance	yellow powder
Appearance of solution	clear, slightly yellow solution (50 mg/mL in acetone)
Identification (elemental analysis)	Theory Found C = 52.7% C = 52.7% H = 5.5% H = 6.0% N = 9.5% N = 9.5%
Identification (TLC)	complies with authentic material
Melting point	71 °C
Purity (TLC)	> 99%
TLC conditions	methanol 60% plate: RP-8 chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.1% (Nth 9.46%, Nfd 9.47%)

Latest update: September 19, 2017

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