Analytical Data Sheet

Lot number

1026502

not for drug use

Catalog Number	**A-1740.0025**
Product number	**4001353.0025**
Product	**Boc- Gly- ONp**
Molecular formula	$C_{13}H_{16}N_2O_6$
Relative molecular mass	296.28

Tests	Results
Appearance	beige powder
Appearance of solution	clear, slightly yellowish solution (50 mg/ml in acetone)
Identification (elemental analysis)	Theory Found C = 52.7 % C = 52.7 % H = 5.4 % H = 5.7 % N = 9.5 % N = 9.5 %
Identification (TLC)	complies with authentic material
Melting point	70 °C
Purity (TLC)	> 99%
TLC conditions	methanol 60 % plate: RP-8 detected by: UV, ninhydrine, chlorine-tolidine chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F_{254} decomposes on TLC plate