

## Analytical Data Sheet

Lot number **1067193**  
not for drug use

Catalog number **M-1165.0005**  
Product number **4000554.0005**  
Product **Boc- Ala- ONp**  
Molecular formula  $C_{14}H_{18}N_2O_6$   
Relative molecular mass 310.31

Tests	Results
Appearance	fine, slightly yellowish powder
Appearance of solution	light yellow solution (50 mg/ml in acetone)
Identification (elemental analysis)	Theory Found C = 54.2 % C = 54.1 % H = 5.9 % H = 5.8 % N = 9.0 % N = 9.0 %
Identification (TLC)	conforms with reference material
Melting point	83 °C
Purity (TLC)	> 98%
TLC conditions	ethylacetate/hexane 4/5 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine  MeOH 70 % plate: RP-8 detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.8% (Cth 54.19 %, Cfd 54.08 %)