

Analytical Data Sheet

Lot number **1052507**
not for drug use

Catalog number **A-3195.0005**
Product number **4017614.0005**
Product **Boc- Pro- Phe- OH**
Molecular formula $C_{19}H_{26}N_2O_5$
Relative molecular mass 362.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (elemental analysis)	Theory Found C = 63.0 % C = 62.8 % H = 7.2 % H = 7.2 % N = 7.7 % N = 7.6 %
Identification (TLC)	complies with authentic material
Melting point	146 ° C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/benzene/H ₂ O 8/8/8/1 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	98.9% (TBAH)