

Analytical Data Sheet

Lot number

1001919

not for drug use

Catalog Number	A-3900.0005
Product number	4027001.0005
Product	Boc- N- Me- D- Phe- OH
Molecular formula	$C_{15}H_{21}NO_4$
Relative molecular mass	279.34

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Melting point	85 °C
Specific optical rotation	$[\alpha]_D^{24} = +78.8^\circ$ (0.5 % in ethanol abs.)
Purity (TLC)	> 99%
TLC conditions	benzene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Nth 5.01 %, Nfd 4.99 %)
Latest update: October 25, 2008	

Analytical Data Sheet
Lot number **1001919**