

Analytical Data Sheet

Lot number **1056348**
not for drug use

Catalog number **A-2470.0005**
Product number **4000117.0005**
Product **Boc- Val- OSu**
Molecular formula $C_{14}H_{22}N_2O_6$
Relative molecular mass 314.34

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 53.5% C = 53.9% H = 7.1% H = 7.2% N = 8.9% N = 8.9%
Identification (TLC)	complies with authentic material
Melting point	130 °C
Specific optical rotation	$[\alpha]_D^{24} = -37.8^\circ$ (2% in dioxane)
Purity (TLC)	> 99%
TLC conditions	methanol 60% methanol 80% plate: RP-8 detected by: UV, ninhydrin, chlorine-tolidine