

Analytical Data Sheet

Lot number **1000028588**
not for drug use

Catalog number **A-3735.0001**
Product number **4025635.0001**
Product **Boc- D- allo- Ile- OH**
Molecular formula $C_{11}H_{21}NO_4$
Relative molecular mass 231.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in Methanol)
Identification (TLC)	complies with authentic material
Melting point	63 ° C
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine, ninhydrin
Assay (elemental analysis)	99.4% (Cth 57.12 %, Cfd 56.76%)
Water content (KF volumetric)	0.2%

Latest update: February 14, 2020

Analytical Data Sheet
Lot number **1000028588**