

Analytical Data Sheet

Lot number **1067552**
not for drug use

Catalog number **A-2290.0001**
Product number **4030206.0001**
Product **Boc- β - (2- thienyl) - Ala- OH**
Molecular formula **C₁₂H₁₇NO₄S**
Relative molecular mass **271.34**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 271.3u (average mass)
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (GC)	0.2% D-Enantiomer
Assay (titration)	100.3% (TBAH)
Water content (KF volumetric)	< 0.1%

Latest update: August 29, 2016

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