

Analytical Data Sheet

Lot number **1061315**
not for drug use

Catalog number **C-1535.0001**
Product number **4014020.0001**
Product **Z- dehydro- Ala- OH**
Molecular formula **C₁₁H₁₁NO₄**
Relative molecular mass **221.21**

Tests	Results
Appearance	white crystals
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 59.7 % C = 59.6 % H = 5.0 % H = 5.0 % N = 6.3 % N = 6.3 %
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.4% (TEAP)
Purity (TLC)	decomposes on TLC plate
TLC conditions	chloroform/methanol/acetic acid 90/8/2 plate: RP8 detected by: chlorine-tolidine, ammoniummolybdate chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 plate : silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	96.7% (TBAH)

Latest update: August 31, 2015

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