

## Analytical Data Sheet

Lot number **1056295**  
not for drug use

Catalog number **C-1015.0100**  
Product number **4000236.0100**  
Product **Z-  $\beta$ - Ala- OH**  
Molecular formula **C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>**  
Relative molecular mass **223.23**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 59.2 % C = 59.0 % H = 5.9 % H = 6.0 % N = 6.3 % N = 6.2 %
Identification (TLC)	complies with authentic material
Melting point	106 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 85/10/5 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	98.2% (TBAH)