

## Analytical Data Sheet

**Lot number** **1000036334**  
not for drug use

**Product** Z- $\beta$ -Ala-OH  
**Product number** **4000236.0025**  
**Molecular formula** C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>  
**Relative molecular mass** 223.23

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in methanol)
<b>Identification (elemental analysis)</b>	C-Value 59.0% H-Value 6.0% N-Value 6.2%
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	106 °C
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	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
<b>Assay (titration)</b>	98.2% (TBAH)

Latest update: August 10, 2020

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