

## Analytical Data Sheet

Lot number **1074433**  
not for drug use

Catalog number **C-1130.0005**  
Product number **4002855.0005**  
Product **Z- Ala- Ile- OH**  
Molecular formula **C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub>**  
Relative molecular mass **336.39**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 60.7 % C = 60.4 % H = 7.2 % H = 6.8 % N = 8.3 % N = 8.3 %
Identification (TLC)	complies with authentic material
Melting point	132 °C
Purity (TLC)	≥ 98%
TLC conditions	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Nth 60.70 %, Nfd 60.40 %)

Latest update: November 24, 2017

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