

## Analytical Data Sheet

Lot number **1000029751**  
not for drug use

Catalog number **C-2485.0005**  
Product number **4002476.0005**  
Product **Z- Pro- Ala- OH**  
Molecular formula  $C_{16}H_{20}N_2O_5$   
Relative molecular mass 320.35

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 60.0 % C = 59.9 % H = 6.3 % H = 6.1 % N = 8.7 % N = 8.7 %
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 methanol/chloroform/ammonia 17% 2/2/1 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.8% (Cth 60.00 %, Cfd 59.85 %)

Latest update: March 12, 2020

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