

## Analytical Data Sheet

Lot number **1000006392**  
not for drug use

Catalog number **C-3145.0005**  
Product number **4000418.0005**  
Product **Z- Ile- Pro- OH**  
Molecular formula  $C_{19}H_{26}N_2O_5$   
Relative molecular mass 362.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (elemental analysis)	Theory Found C = 63.0 % C = 63.0 % H = 7.2 % H = 7.3 % N = 7.7 % N = 7.7 %
Identification (TLC)	conforms with authentic material
Melting point	139 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.0% (Cth 62.97 %, Cfd 62.96 %)

Latest update: September 27, 2018

**Analytical Data Sheet**  
Lot number **1000006392**