

Analytical Data Sheet

Lot number

1004670

not for drug use

Catalog Number	C-3145.0001
Product number	4000418.0001
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)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 63.0 %</td> <td>C = 63.0 %</td> </tr> <tr> <td>H = 7.2 %</td> <td>H = 7.3 %</td> </tr> <tr> <td>N = 7.7 %</td> <td>N = 7.7 %</td> </tr> </table>	Theory	Found	C = 63.0 %	C = 63.0 %	H = 7.2 %	H = 7.3 %	N = 7.7 %	N = 7.7 %
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 ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	100.0% (Cth 62.97 %, Cfd 62.96 %)								
Latest update: October 24, 2008									