

Analytical Data Sheet

Lot number

1007361

not for drug use

Catalog Number	F-1290.0025
Product number	4001225.0025
Product	Bz- DL- Phe- OH
Molecular formula	C ₁₆ H ₁₅ NO ₃
Relative molecular mass	269.30

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (20 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 71.36 %</td> <td>C = 71.29 %</td> </tr> <tr> <td>H = 5.61 %</td> <td>H = 5.52 %</td> </tr> <tr> <td>N = 5.20 %</td> <td>N = 5.14 %</td> </tr> </table>	Theory	Found	C = 71.36 %	C = 71.29 %	H = 5.61 %	H = 5.52 %	N = 5.20 %	N = 5.14 %
Theory	Found								
C = 71.36 %	C = 71.29 %								
H = 5.61 %	H = 5.52 %								
N = 5.20 %	N = 5.14 %								
Identification (TLC)	complies with authentic material								
Melting point	189 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 85/10/5 benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, chlorine-tolidine								
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1007361								