

Analytical Data Sheet

Lot number

1017542

not for drug use

Catalog Number	A-4190.0025
Product number	4016431.0025
Product	Boc- D- Asp- OH
Molecular formula	C ₉ H ₁₅ NO ₆
Relative molecular mass	233.22

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 46.4 %</td> <td>C = 46.4 %</td> </tr> <tr> <td>H = 6.5 %</td> <td>H = 6.6 %</td> </tr> <tr> <td>N = 6.0 %</td> <td>N = 6.0 %</td> </tr> </table>	Theory	Found	C = 46.4 %	C = 46.4 %	H = 6.5 %	H = 6.6 %	N = 6.0 %	N = 6.0 %
Theory	Found								
C = 46.4 %	C = 46.4 %								
H = 6.5 %	H = 6.6 %								
N = 6.0 %	N = 6.0 %								
Identification (TLC)	complies with authentic material								
Melting point	116 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	100.0 % (Cth 46.35 %, Cfd 46.36 %)								
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1017542								