

Analytical Data Sheet

Lot number

1032975

not for drug use

Catalog Number	E-1420.0001
Product number	4004029.0001
Product	H- Asp(OtBu) - OMe · HCl
Molecular formula	C ₉ H ₁₇ NO ₄ · HCl
Relative molecular mass	239.70

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 = 45.1 %</td> <td>C = 45.0 %</td> </tr> <tr> <td>H = 7.6 %</td> <td>H = 7.5 %</td> </tr> <tr> <td>N = 5.8 %</td> <td>N = 5.8 %</td> </tr> </table> <p>calc. x 1 HCl (14.8 %)</p>	Theory	Found	C = 45.1 %	C = 45.0 %	H = 7.6 %	H = 7.5 %	N = 5.8 %	N = 5.8 %
Theory	Found								
C = 45.1 %	C = 45.0 %								
H = 7.6 %	H = 7.5 %								
N = 5.8 %	N = 5.8 %								
Identification (TLC)	complies with authentic material								
Melting point	174 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Chloride content (titration)	14.8% (AgNO ₃)								
Latest update: October 06, 2010									