

Analytical Data Sheet

Lot number

1026333

not for drug use

Catalog Number	F-1150.0025
Product number	4010009.0025
Product	H- DL- Ala- OMe · HCl
Molecular formula	C ₄ H ₉ NO ₂ · HCl
Relative molecular mass	139.58

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 = 34.88 %</td> <td>C = 34.84 %</td> </tr> <tr> <td>H = 7.28 %</td> <td>H = 6.94 %</td> </tr> <tr> <td>N = 10.17 %</td> <td>N = 10.01 %</td> </tr> </table>	Theory	Found	C = 34.88 %	C = 34.84 %	H = 7.28 %	H = 6.94 %	N = 10.17 %	N = 10.01 %
Theory	Found								
C = 34.88 %	C = 34.84 %								
H = 7.28 %	H = 6.94 %								
N = 10.17 %	N = 10.01 %								
Identification (TLC)	complies with authentic material								
Melting point	160 °C								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 6/4/1/3 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: September 03, 2009	Analytical Data Sheet Lot number 1026333								