

Analytical Data Sheet

Lot number

1038240

not for drug use

Catalog Number	F-3755.0025
Product number	4028489.0025
Product	H- γ- Abu- OtBu · HCl
Molecular formula	C₈H₁₇NO₂ · HCl
Relative molecular mass	195.69

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 = 49.0 %</td> <td>C = 48.6 %</td> </tr> <tr> <td>H = 9.3 %</td> <td>H = 9.3 %</td> </tr> <tr> <td>N = 7.1 %</td> <td>N = 7.1 %</td> </tr> </table>	Theory	Found	C = 49.0 %	C = 48.6 %	H = 9.3 %	H = 9.3 %	N = 7.1 %	N = 7.1 %
Theory	Found								
C = 49.0 %	C = 48.6 %								
H = 9.3 %	H = 9.3 %								
N = 7.1 %	N = 7.1 %								
Identification (TLC)	complies with authentic material								
Melting point	88 ° C								
Purity (TLC)	> 99%								
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine, ninhydrin								
Assay (elemental analysis)	99.0% (Cth 49.10%, Cfd 48.60%)								
Water content (KF volumetric)	< 0.1%								
Chloride content (titration)	18.2%								
Latest update: August 18, 2011	Analytical Data Sheet Lot number 1038240								