

Analytical Data Sheet

Lot number **1069991**
not for drug use

Catalog number **F-3755.0001**
Product number **4028489.0001**
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> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <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> </tbody> </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: February 13, 2017

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