

## Analytical Data Sheet

Lot number **1070629**  
not for drug use

Catalog number **F-3755.0005**  
Product number **4028489.0005**  
Product **H-  $\gamma$ - Abu- OtBu · HCl**  
Molecular formula **C<sub>8</sub>H<sub>17</sub>NO<sub>2</sub> · 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)	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 <sub>2</sub> O 60/30/9/16.5 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> 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: March 07, 2017

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