

Analytical Data Sheet

Lot number **1071960**
not for drug use

Catalog number **F-1375.0001**
Product number **4017082.0001**
Product **Carbamoyl- β -Ala- OH**
Molecular formula **C₄H₈N₂O₃**
Relative molecular mass **132.12**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH 50%)
Identification (elemental analysis)	Theory Found C = 36.36 % C = 36.21 % H = 6.10 % H = 6.31 % N = 21.20 % N = 21.25 %
Identification (TLC)	complies with authentic material
Melting point	168 ° C
Purity (TLC)	> 98%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.2% (Nth 21.20 %, Nfd 21.25%)

Latest update: June 07, 2017

Analytical Data Sheet
Lot number **1071960**