

Analytical Data Sheet

Lot number **1071739**
not for drug use

Catalog number **F-2625.0001**
Product number **4016439.0001**
Product **Phenylac- Gly- OH**
Molecular formula $C_{10}H_{11}NO_3$
Relative molecular mass 193.20

Tests	Results
Appearance	white crystals
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (ESI-MS)	m = 193.0u (average mass)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Nth 7.25 %, Nfd 7.21 %)

Latest update: May 11, 2017

Analytical Data Sheet
Lot number **1071739**