

Analytical Data Sheet

Lot number

1035080

not for drug use

Catalog Number	G-2245.0001
Product number	4009567.0001
Product	H- Gly- Tyr- NH ₂ · HCl
Molecular formula	C ₁₁ H ₁₅ N ₃ O ₃ · HCl
Relative molecular mass	273.72

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in MeOH)
Melting point	144 °C
Specific optical rotation	$[\alpha]_D^{24} = +27.8^\circ$ (1 % in MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	6.4%
Chloride content (titration)	12.1%
Latest update: February 11, 2011	

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