

Analytical Data Sheet

Lot number

1020140

not for drug use

Catalog Number	M-1480.0250
Product number	4001945.0250
Product	Hippuryl- Gly- Gly- OH
Molecular formula	$C_{13}H_{15}N_3O_5$
Relative molecular mass	293.28

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50mg/ml in NH_3 10 %)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 53.2 %</td> <td>C = 52.9 %</td> </tr> <tr> <td>H = 5.2 %</td> <td>H = 5.2 %</td> </tr> <tr> <td>N = 14.3 %</td> <td>N = 14.3 %</td> </tr> </table>	Theory	Found	C = 53.2 %	C = 52.9 %	H = 5.2 %	H = 5.2 %	N = 14.3 %	N = 14.3 %
Theory	Found								
C = 53.2 %	C = 52.9 %								
H = 5.2 %	H = 5.2 %								
N = 14.3 %	N = 14.3 %								
Purity (TLC)	> 98%								
TLC conditions	n-butanol/acetic acid/ H_2O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (titration)	97.2% (TBAH)								
Latest update: November 21, 2008									