

Analytical Data Sheet

Lot number

1039998

not for drug use

Catalog Number	M-1495.0005
Product number	4009467.0005
Product	O- Hippuryl- L- β- phenyllactic acid · sodium salt
Molecular formula	$C_{18}H_{16}NNaO_5$
Relative molecular mass	349.32

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.7% (HClO ₄)
Water content (KF volumetric)	0.5%
Latest update: January 23, 2012	Analytical Data Sheet Lot number 1039998