

Analytical Data Sheet

Lot number

1027332

not for drug use

Catalog Number	E-2575.0025
Product number	4007018.0025
Product	H- Val- OBzl · HCl
Molecular formula	C ₁₂ H ₁₇ NO ₂ · HCl
Relative molecular mass	243.73

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Melting point	140 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.9% (Cth 59.14%, Cfd 59.06%)
Water content (KF volumetric)	0.1%
Chloride content (titration)	14.4%
Latest update: November 10, 2009	Analytical Data Sheet Lot number 1027332