

Analytical Data Sheet

Lot number

1020247

not for drug use

Catalog Number	K-1390.1000
Product number	4003879.1000
Product	H- D- Leu- β NA · HCl
Molecular formula	C ₁₆ H ₂₀ N ₂ O · HCl
Relative molecular mass	292.81

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml methanol)
Melting point	248 °C
Specific optical rotation	$[\alpha]_D^{24} = -82.0^\circ$ (2 % in water)
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 15/4/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	0.2%
Latest update: November 10, 2008	

Analytical Data Sheet
Lot number **1020247**