

Analytical Data Sheet

Lot number

1018229

not for drug use

Catalog Number	K-1015.0001
Product number	4001313.0001
Product	H- Ala- βNA · HBr
Molecular formula	C ₁₃ H ₁₄ N ₂ O · HBr
Relative molecular mass	295.18

Tests	Results
Appearance	white powder
Appearance of solution	clear solution (50 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Melting point	205 °C
Specific optical rotation	$[\alpha]_D^{24} = + 9.7^\circ$ (1 % in MeOH)
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Bromide content (titration)	26.6%
Latest update: March 11, 2010	

Analytical Data Sheet
Lot number **1018229**