

Analytical Data Sheet

Lot number **1000029759**
not for drug use

Catalog number **H-1245.0250**
Product number **4004324.0250**
Product **H- D- Ala- D- Ala- D- Ala- OH**
Molecular formula $C_9H_{17}N_3O_4$
Relative molecular mass 231.25

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +69.7^\circ$ (1 % in H ₂ O)
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine
Water content (KF volumetric)	4.5%

Latest update: March 10, 2020

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