

Analytical Data Sheet

Lot number **1000038523**
not for drug use

Product Cyclo(-Ala-Ser)

Product number **4001202.0001**

Molecular formula $C_6H_{10}N_2O_3$

Relative molecular mass 158.16

Tests	Results
Appearance	White lyophilizate
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	Complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -10.77^\circ$ (1% water)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid/ H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid (98-100%)/ H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.6% (Nth 17.71%, Nfd 17.64%)

Latest update: September 17, 2020

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