

## Analytical Data Sheet

**Lot number** **1000038172**  
not for drug use

**Product** Cyclo(-Phe-Ser)  
**Product number** **4004737.0001**  
**Molecular formula**  $C_{12}H_{14}N_2O_3$   
**Relative molecular mass** 234.26

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (20 mg/mL in 80% AcOH)
<b>Identification (TLC)</b>	comolies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	ethylacetate/pyridine/acetic acid/ H <sub>2</sub> O 60/20/6/11 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	99.5% (Nth 11.96%, Nfd 11.90%)
<b>Water content (KF volumetric)</b>	0.2%

Latest update: September 07, 2020

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