

Analytical Data Sheet

Lot number **1000027187**
not for drug use

Catalog number **F-4330.0001**
Product number **4101680.0001**
Product **H- α - Me- Ser- OH**
Molecular formula **C₄H₉NO₃**
Relative molecular mass **119.12**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	Rf value in agreement with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.10% D-enantiomer
Assay (titration)	98.6% (TBAH)
Water content (KF volumetric)	0.3%

Latest update: January 20, 2020

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