

Analytical Data Sheet

Lot number **1000012746**
not for drug use

Catalog number **G-3160.0001**
Product number **4001058.0001**
Product **H- Ser- Ala- OH**
Molecular formula $C_6H_{12}N_2O_4$
Relative molecular mass 176.17

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in HCOOH)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -31.0^\circ$ (3 % in 1N HCl)
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine

Latest update: February 21, 2019

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