

Analytical Data Sheet

Lot number **1058727**
not for drug use

Catalog number **G-2595.0001**
Product number **4005263.0001**
Product **H- Leu- Ser- OH**
Molecular formula **C₉H₁₈N₂O₄**
Relative molecular mass **218.25**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (elemental analysis)	Theory Found C = 49.5 % C = 49.2 % H = 8.3 % H = 8.3 % N = 12.8 % N = 12.7 %
Identification (TLC)	complies 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 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.0% (Nth 12.84 %, Nfd 12.71 %)
Water content (KF volumetric)	0.6%

Latest update: April 13, 2015

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