

Analytical Data Sheet

Lot number **1000003709**
not for drug use

Catalog number **G-1300.0005**
Product number **4014205.0005**
Product **H- Ala- Met- OH**
Molecular formula **C₈H₁₆N₂O₃S**
Relative molecular mass **220.29**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
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 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.3% (HClO ₄)
Water content (KF volumetric)	0.4%

Latest update: August 13, 2018

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