

## Analytical Data Sheet

**Lot number** **1000041167**  
not for drug use

**Product** H-Ala-Met-OH  
**Product number** **4014205.0001**  
**Molecular formula** C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S  
**Relative molecular mass** 220.29

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in water)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (titration)</b>	98.3% (HClO <sub>4</sub> )
<b>Water content (KF volumetric)</b>	0.4%

Latest update: November 05, 2020

**Analytical Data Sheet**  
Lot number **1000041167**