

## Analytical Data Sheet

Lot number **1000016418**  
not for drug use

Catalog number **G-2710.0001**  
Product number **4001725.0001**  
Product **H- Met- Ala- OH formiate salt**  
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								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in water)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 40.59 %</td><td>C = 40.67 %</td></tr><tr><td>H = 6.81 %</td><td>H = 6.66 %</td></tr><tr><td>N = 10.52 %</td><td>N = 10.56 %</td></tr></tbody></table> <p>calc. as 1 formic acid (17.3 %)</p>	Theory	Found	C = 40.59 %	C = 40.67 %	H = 6.81 %	H = 6.66 %	N = 10.52 %	N = 10.56 %
Theory	Found								
C = 40.59 %	C = 40.67 %								
H = 6.81 %	H = 6.66 %								
N = 10.52 %	N = 10.56 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 60/45/14/6 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								

Latest update: May 22, 2019

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