

Analytical Data Sheet

Lot number

1016875

not for drug use

Catalog Number	H-4340.1000
Product number	4002626.1000
Product	H- Met- Gly- Met- OH
Molecular formula	C ₁₂ H ₂₃ N ₃ O ₄ S ₂
Relative molecular mass	337.46

Tests	Results									
Appearance	white product									
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 10 %)									
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 42.71 %</td> <td>C = 42.62 %</td> </tr> <tr> <td>H = 6.87 %</td> <td>H = 6.88 %</td> </tr> <tr> <td>N = 12.45 %</td> <td>N = 12.41 %</td> </tr> </tbody> </table>	Theory	Found	C = 42.71 %	C = 42.62 %	H = 6.87 %	H = 6.88 %	N = 12.45 %	N = 12.41 %	
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C = 42.71 %	C = 42.62 %									
H = 6.87 %	H = 6.88 %									
N = 12.45 %	N = 12.41 %									
Purity (TLC)	≥ 98%									
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine									
Latest update: October 24, 2008		Analytical Data Sheet Lot number 1016875								