

# Analytical Data Sheet

Lot number

**0568802**

not for drug use

Catalog Number	E-1140.0005
Product number	4000256.0005
Product	Ac- Met- NH <sub>2</sub>
Molecular formula	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S
Relative molecular mass	190.27

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 44.19 %</td> <td>C = 44.39 %</td> </tr> <tr> <td>H = 7.42 %</td> <td>H = 7.40 %</td> </tr> <tr> <td>N = 14.72 %</td> <td>N = 14.77 %</td> </tr> </table>	Theory	Found	C = 44.19 %	C = 44.39 %	H = 7.42 %	H = 7.40 %	N = 14.72 %	N = 14.77 %
Theory	Found								
C = 44.19 %	C = 44.39 %								
H = 7.42 %	H = 7.40 %								
N = 14.72 %	N = 14.77 %								
Identification (TLC)	complies with authentic material								
Melting point	150.5 °C								
Specific optical rotation	$[\alpha]_D^{24} = -7.67^\circ$ (1 % in MeOH)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 85/10/5 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/10/3/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: October 25, 2008									