

Analytical Data Sheet

Lot number **1056885**
not for drug use

Catalog number **E-1490.0025**
Product number **4004293.0025**
Product **Bz- Met- OH**
Molecular formula $C_{12}H_{15}NO_3S$
Relative molecular mass 253.32

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 56.9 %</td><td>C = 56.8 %</td></tr><tr><td>H = 6.0 %</td><td>H = 5.9 %</td></tr><tr><td>N = 5.5 %</td><td>N = 5.5 %</td></tr></tbody></table>	Theory	Found	C = 56.9 %	C = 56.8 %	H = 6.0 %	H = 5.9 %	N = 5.5 %	N = 5.5 %
Theory	Found								
C = 56.9 %	C = 56.8 %								
H = 6.0 %	H = 5.9 %								
N = 5.5 %	N = 5.5 %								
Identification (TLC)	complies with authentic material								
Melting point	102 ° C								
Specific optical rotation	$[\alpha]_D^{24} = +24.9^\circ$ (1 % in methanol)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								