

Analytical Data Sheet

Lot number

1022482

not for drug use

Catalog Number	G-3135.0250
Product number	4010064.0250
Product	Sar- Sar- OH
Molecular formula	C ₆ H ₁₂ N ₂ O ₃
Relative molecular mass	160.17

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 43.92 %</td> <td>C = 44.23 %</td> </tr> <tr> <td>H = 7.76 %</td> <td>H = 7.75 %</td> </tr> <tr> <td>N = 16.68 %</td> <td>N = 16.96 %</td> </tr> </table>	Theory	Found	C = 43.92 %	C = 44.23 %	H = 7.76 %	H = 7.75 %	N = 16.68 %	N = 16.96 %
Theory	Found								
C = 43.92 %	C = 44.23 %								
H = 7.76 %	H = 7.75 %								
N = 16.68 %	N = 16.96 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 98%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (titration)	94.8% (HClO ₄)								
Water content (KF volumetric)	2.1 %								
Residual organic solvents (GC)	1.9% EtOH								
Latest update: February 25, 2009									