

Analytical Data Sheet

Lot number

1019351

not for drug use

Catalog Number	E-2360.0005
Product number	4001102.0005
Product	Sar- OtBu · HCl
Molecular formula	C₇H₁₅NO₂ · HCl
Relative molecular mass	181.66

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 = 46.3 %</td> <td>C = 46.0 %</td> </tr> <tr> <td>H = 8.9 %</td> <td>H = 8.8 %</td> </tr> <tr> <td>N = 7.7 %</td> <td>N = 7.7 %</td> </tr> </table> <p>calc. as x HCl</p>	Theory	Found	C = 46.3 %	C = 46.0 %	H = 8.9 %	H = 8.8 %	N = 7.7 %	N = 7.7 %
Theory	Found								
C = 46.3 %	C = 46.0 %								
H = 8.9 %	H = 8.8 %								
N = 7.7 %	N = 7.7 %								
Identification (TLC)	complies with authentic material								
Melting point	147 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	0.9%								
Chloride content (titration)	19.3% (AgNO ₃)								
Latest update: October 13, 2008									