

Analytical Data Sheet

Lot number **1067129**
not for drug use

Retest date August 2019
 Catalog number **A-2265.0025**
 Product number **4001115.0025**
 Product **Boc- Sar- OH**
 Molecular formula $C_8H_{15}NO_4$
 Relative molecular mass 189.21

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/mL methanol)								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 50.8%%</td> <td>C = 50.7%%</td> </tr> <tr> <td>H = 8.0%%</td> <td>H = 8.3%%</td> </tr> <tr> <td>N = 7.4%%</td> <td>N = 7.4%%</td> </tr> </tbody> </table>	Theory	Found	C = 50.8%%	C = 50.7%%	H = 8.0%%	H = 8.3%%	N = 7.4%%	N = 7.4%%
Theory	Found								
C = 50.8%%	C = 50.7%%								
H = 8.0%%	H = 8.3%%								
N = 7.4%%	N = 7.4%%								
Identification (TLC)	complies with authentic material								
Melting point	89 °C								
Purity (TLC)	> 99%								
Related impurities (TLC)	< 0.1% H-Sar-OH								
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (titration)	100.6% (TBAH)								
Water content (KF volumetric)	0.2%								

Latest update: July 29, 2016

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