

Analytical Data Sheet

Lot number

1010079

not for drug use

Catalog Number	A-3645.0005
Product number	4025299.0005
Product	Boc- L- octahydroindole- 2- carboxylic acid
Molecular formula	$C_{14}H_{23}NO_4$
Relative molecular mass	269.34

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 = 62.43 %</td> <td>C = 62.37 %</td> </tr> <tr> <td>H = 8.61 %</td> <td>H = 8.59 %</td> </tr> <tr> <td>N = 5.20 %</td> <td>N = 5.18 %</td> </tr> </table>	Theory	Found	C = 62.43 %	C = 62.37 %	H = 8.61 %	H = 8.59 %	N = 5.20 %	N = 5.18 %
Theory	Found								
C = 62.43 %	C = 62.37 %								
H = 8.61 %	H = 8.59 %								
N = 5.20 %	N = 5.18 %								
Identification (TLC)	Complies with authentic material								
Melting point	138 °C								
Purity (TLC)	> 99%								
TLC conditions	Chloroform/methanol/toluene/H ₂ O 8/8/8/1 Toluene/dioxane/acetic acid 95/25/4 Chloroform/methanol/acetic acid 90/8/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine								
Enantiomer content (GC)	95.4% SSS < 0.2% SRR 0.3% SRS < 0.1% RSR, RRS, SSR, RSS, RRR								
Assay (titration)	99.8% TBAH								
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1010079								