

Analytical Data Sheet

Lot number

1029764

not for drug use

Catalog Number	A-3465.0005
Product number	4018228.0005
Product	Boc- Homocit- OH
Molecular formula	$C_{12}H_{23}N_3O_5$
Relative molecular mass	289.33

Tests	Results								
Appearance	off-white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 49.82 %</td> <td>C = 49.89 %</td> </tr> <tr> <td>H = 8.01 %</td> <td>H = 8.04 %</td> </tr> <tr> <td>N = 14.52 %</td> <td>N = 14.54 %</td> </tr> </table>	Theory	Found	C = 49.82 %	C = 49.89 %	H = 8.01 %	H = 8.04 %	N = 14.52 %	N = 14.54 %
Theory	Found								
C = 49.82 %	C = 49.89 %								
H = 8.01 %	H = 8.04 %								
N = 14.52 %	N = 14.54 %								
Identification (TLC)	complies with authentic material								
Melting point	145 °C								
Purity (TLC)	> 99%								
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 32% 15/4/1 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine								
Latest update: March 16, 2010	Analytical Data Sheet Lot number 1029764								