

Analytical Data Sheet

Lot number

1042365

not for drug use

Catalog Number	F-1205.0005
Product number	4008344.0005
Product	7- Aminoheptanoic acid
Molecular formula	C ₇ H ₁₅ NO ₂
Relative molecular mass	145.20

Tests	Results								
Appearance	white product								
Appearance of solution	clear colorless solution (50 mg/ml in acetic acid 80 %)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 57.90 %</td> <td>C = 57.76 %</td> </tr> <tr> <td>H = 10.41 %</td> <td>H = 10.35 %</td> </tr> <tr> <td>N = 9.65 %</td> <td>N = 9.68 %</td> </tr> </table>	Theory	Found	C = 57.90 %	C = 57.76 %	H = 10.41 %	H = 10.35 %	N = 9.65 %	N = 9.68 %
Theory	Found								
C = 57.90 %	C = 57.76 %								
H = 10.41 %	H = 10.35 %								
N = 9.65 %	N = 9.68 %								
Identification (TLC)	complies with authentic material								
Melting point	196 °C								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 6/5/1/3 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: April 25, 2012	Analytical Data Sheet Lot number 1042365								