

Analytical Data Sheet

Lot number

1008757

not for drug use

Catalog Number	I-1290.1000
Product number	4001869.1000
Product	H- Pro- AMC hydrobromide salt
Molecular formula	C ₁₅ H ₁₆ N ₂ O ₃
Relative molecular mass	272.30

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 50.3 %</td> <td>C = 50.3 %</td> </tr> <tr> <td>H = 4.9 %</td> <td>H = 4.7 %</td> </tr> <tr> <td>N = 7.8 %</td> <td>N = 7.8 %</td> </tr> </table>	Theory	Found	C = 50.3 %	C = 50.3 %	H = 4.9 %	H = 4.7 %	N = 7.8 %	N = 7.8 %
Theory	Found								
C = 50.3 %	C = 50.3 %								
H = 4.9 %	H = 4.7 %								
N = 7.8 %	N = 7.8 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 99%								
Related impurities (TLC)	< 0.1% AMC								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	75.5% (Nth 10.29 %, Nfd 7.77 %)								
Water content (KF volumetric)	1.3%								
Bromide content (titration)	21.9% (AgNO ₃)								
Latest update: October 24, 2008									