

Analytical Data Sheet

Lot number

0566988

not for drug use

Catalog Number	I-1055.0250
Product number	4004120.0250
Product	H- Arg- Arg- AMC hydrochloride salt
Molecular formula	C ₂₂ H ₃₃ N ₉ O ₄
Relative molecular mass	487.56

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in water)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 41.6 %</td> <td>C = 41.9 %</td> </tr> <tr> <td>H = 6.4 %</td> <td>H = 6.6 %</td> </tr> <tr> <td>N = 19.9 %</td> <td>N = 19.6 %</td> </tr> </table> <p>calc. as 3 HCl (16.76 % Cl⁻) 2.1 H₂O (5.96 %) (corrected for water and chloride content)</p>	Theory	Found	C = 41.6 %	C = 41.9 %	H = 6.4 %	H = 6.6 %	N = 19.9 %	N = 19.6 %
Theory	Found								
C = 41.6 %	C = 41.9 %								
H = 6.4 %	H = 6.6 %								
N = 19.9 %	N = 19.6 %								
Identification (TLC)	Rf value in agreement with authentic material								
Purity (TLC)	> 99%								
Related impurities (TLC)	< 0.1% AMC								
Assay (elemental analysis)	75.5% (Nth 25.86 %, Nfd 19.52 %)								
Water content (KF volumetric)	5.6%								
Chloride content (titration)	16.8% (AgNO ₃)								
Latest update: October 25, 2008									