

# Analytical Data Sheet

Lot number

## 1020905

not for drug use

<b>Catalog Number</b>	<b>I-1290.0250</b>
<b>Product number</b>	<b>4001869.0250</b>
<b>Product</b>	<b>H- Pro- AMC hydrobromide salt</b>
<b>Molecular formula</b>	<b>C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub></b>
<b>Relative molecular mass</b>	<b>272.30</b>

Tests	Results								
<b>Appearance</b>	white powder								
<b>Identification (elemental analysis)</b>	<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 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Purity (TLC)</b>	> 99%								
<b>Related impurities (TLC)</b>	< 0.1% AMC								
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 60/45/14/6 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
<b>Assay (elemental analysis)</b>	74.3% (Nth 10.29%, Nfd 7.64%)								
<b>Water content (KF volumetric)</b>	1.3%								
<b>Bromide content (titration)</b>	21.9% (AgNO <sub>3</sub> )								
Latest update: January 09, 2009	<b>Analytical Data Sheet</b> Lot number <b>1020905</b>								