

# Analytical Data Sheet

Lot number

## 1011134

not for drug use

<b>Catalog Number</b>	E-1700.0005
<b>Product number</b>	4012814.0005
<b>Product</b>	δ- Aminovaleric acid- benzyl ester · p- tosylate
<b>Molecular formula</b>	C <sub>12</sub> H <sub>17</sub> NO <sub>2</sub> · C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> S
<b>Relative molecular mass</b>	379.48

Tests	Results								
<b>Appearance</b>	white product								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in MeOH)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 60.14 %</td> <td>C = 60.16 %</td> </tr> <tr> <td>H = 6.64 %</td> <td>H = 6.54 %</td> </tr> <tr> <td>N = 3.69 %</td> <td>N = 3.64 %</td> </tr> </table>	Theory	Found	C = 60.14 %	C = 60.16 %	H = 6.64 %	H = 6.54 %	N = 3.69 %	N = 3.64 %
Theory	Found								
C = 60.14 %	C = 60.16 %								
H = 6.64 %	H = 6.54 %								
N = 3.69 %	N = 3.64 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	77 °C								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 plate: silicagel 60 F <sub>254</sub> detected: UV, ninhydrin, chlorine-tolidine								
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1011134</b>								