

**Analytical Data Sheet**

<b>Lot number</b>	<b>1000033920</b> not for drug use
<b>Product</b>	Suc-Gly-Pro-Leu-Gly-Pro-AMC
<b>Product number</b>	<b>4003958.0025</b>
<b>Molecular formula</b>	C <sub>34</sub> H <sub>44</sub> N <sub>6</sub> O <sub>10</sub>
<b>Relative molecular mass</b>	696.76

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5% in AcOH 50%)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	149 ° C
<b>Specific optical rotation</b>	$[\alpha]_{\text{D}}^{24} = -132.3^{\circ}$ (1% in DMF)
<b>Purity (HPLC)</b>	98.1% (TEAP)
<b>Purity (TLC)</b>	> 98%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 chloroform/methanol/acetic acid 32% 15/4/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin

Latest update: June 22, 2020

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