

**Analytical Data Sheet**

<b>Lot number</b>	<b>1000047374</b> not for drug use
<b>Product</b>	H-Leu-Leu-OMe · HBr
<b>Product number</b>	<b>4000725.0005</b>
<b>Molecular formula</b>	C <sub>13</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub> · HBr
<b>Relative molecular mass</b>	339.27

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in methanol)
<b>Identification (elemental analysis)</b>	C-Value 46.2% H-Value 8.3% N-Value 7.9%
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	186°C
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	95.3% (Nth 8.26%, Nfd 7.87%)
<b>Water content (KF volumetric)</b>	0.3%
<b>Bromide content (titration)</b>	22.6%

Latest update: March 19, 2021

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