

## Analytical Data Sheet

Lot number	1000029749 not for drug use
Catalog number	H-2750.0025
Product	(D-Ala <sup>2</sup> )-Leu-Enkephalin
Product number	4003792.0025
Molecular formula (net)	C <sub>29</sub> H <sub>39</sub> N <sub>5</sub> O <sub>7</sub>
Molecular mass (average)	569.7

Tests	Results
Components	
<b>Appearance</b>	
Color	white
Physical form	lyophilizate
Visible impurities	none
<b>Appearance of solution</b>	
Clarity	clear
Color of solution	colorless
Visible impurities	none
Solvent and concentration	1 mg/mL in water
<b>Identification (ESI-MS)</b>	
Monoisotopic mass	569.3 u
<b>Identification (amino acid analysis)</b>	
Ala	1.0
Gly	1.1
Leu	1.0
Phe	1.1
Tyr	1.1
Calculation based on	Ala (1)
<b>Purity (HPLC)</b>	
Purity	98.6%
<b>Assay (elemental analysis)</b>	
Assay (EA, as is)	79.8%

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<b>Product</b>	<b>(D-Ala<sup>2</sup>)-Leu-Enkephalin</b>

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This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

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Date created: June 03, 2020