

**Analytical Data Sheet**

<b>Lot number</b>	<b>1000044120</b> not for drug use
<b>Product</b>	H-DL-Ala-DL-Ala-OH
<b>Product number</b>	<b>4003762.0005</b>
<b>Molecular formula</b>	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
<b>Relative molecular mass</b>	160.17

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in AcOH 80%)
<b>Identification (elemental analysis)</b>	C-Value 44.3% H-Value 7.7% N-Value 16.9%  *calc. x 0.09 H <sub>2</sub> O (1.0 %)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	>99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	96.9% (N <sub>Th</sub> 17.49%, N <sub>Fd</sub> 16.95%)
<b>Water content (KF volumetric)</b>	1.5%

Latest update: March 09, 2021

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