

## Analytical Data Sheet

**Lot number** **1000035759**  
not for drug use

**Product** H-Asp-Leu-OH

**Product number** **4001054.0250**

**Molecular formula**  $C_{10}H_{18}N_2O_5$

**Relative molecular mass** 246.26

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (25 mg/mL in 80% AcOH)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/ H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	99.3% (Cth 48.77%, Cfd 48.41%)
<b>Water content (KF volumetric)</b>	0.2%

Latest update: August 09, 2020

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