

## Analytical Data Sheet

Lot number **1072837**  
not for drug use

**Catalog number** H-7756.0500  
**Product number** 4095878.0500  
**Product** **Thymosin  $\alpha_1$  acetate salt**  
Ac- Ser- Asp- Ala- Ala- Val- Asp- Thr- Ser- Ser- Glu- Ile-  
Thr- Thr- Lys- Asp- Leu- Lys- Glu- Lys- Lys- Glu- Val-  
Val- Glu- Glu- Ala- Glu- Asn- OH acetate salt  
**Molecular formula**  $C_{129}H_{215}N_{33}O_{55}$   
**Relative molecular mass** 3108.32

Tests	Results
<b>Appearance</b>	white lyophilized powder
<b>Identification (ESI-MS)</b>	m = 3106.9u
<b>Amino acid analysis</b>	Ala 3.3 (3) Lys 4.1 (4) Asx 4.0 (4) Ser 2.5 (3) Glx 5.3 (6) Thr 2.7 (3) Ile 1.0 (1) Val 3.2 (3) Leu 1.1 (1)
<b>Solubility</b>	1 mg/ml in H <sub>2</sub> O
<b>Purity (HPLC)</b>	95.6%
<b>Peptide content</b>	89.2%

Latest update: September 18, 2017

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