

Analytical Data Sheet

Lot number **1073413**
not for drug use

Catalog number **H-7756.1000**
Product number **4095878.1000**
Product **Thymosin α_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
Appearance	white lyophilized powder
Identification (ESI-MS)	m = 3106.9u
Amino acid analysis	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)
Solubility	1 mg/ml in H ₂ O
Purity (HPLC)	95.6%
Peptide content	89.2%

Latest update: September 18, 2017

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