

## Certificate of Analysis

<b>Product Name</b>	Thymosin alpha1 Acetate	<b>Batch No.</b>	M24M01068
<b>CAS No.</b>	62304-98-7	<b>MFG. Date</b>	Jan 30, 2024
<b>CAT No.</b>	P100128	<b>Retest Date</b>	Jan 29, 2026
<b>Items</b>	<b>Specification</b>	<b>Results</b>	
<b>Appearance</b>	White or off-white powder	Conforms	
<b>Solubility</b>	soluble in water	Soluble in water	
<b>Amino acid analysis</b>	Asp 3.4-4.4 Glu 5.4-6.6 Ser 2.4-3.3 Thr 2.4-3.3 Ala 2.7-3.3 Val 2.4-3.3 Leu 0.8-1.1 Ile 0.8-1.1 Lys 3.6-4.4 No more than the traces of the other amino acids are present.	Asp 3.8 Glu 5.1 Ser 2.9 Thr 3.0 Ala 3.0 Val 2.9 Leu 1.1 Ile 1.0 Lys 3.8 No more than the traces of the other amino acids are present.	
<b>Purity (HPLC)</b>	≥ 98%	99.2%	
<b>MS</b>	3108.3±1.0	3108.4	
<b>Acetic acid</b>	≤ 10%	0.4%	
<b>Related Substances</b>	Unspecified impurity for each impurity: NMT1.0%	0.41%(single largest impurity)	
<b>Water Content</b>	≤ 7.0%	2.8%	
<b>Peptide Content(N%)</b>	≥ 80%	85.0%	
<b>Assay</b>	95.0%-105.0% (anhydrous and acetic acid free substance)	99.5%	
<b>Bacterial endotoxin</b>	Less than 10IU/mg	Conforms	

TEL: +1-862-686-3898 || FAX: +1-323-978-5598

Homepage: [www.linkpeptide.com](http://www.linkpeptide.com)

Address: 63 Chestnut Rd, STE 5 Paoli, PA 19301, USA

<b>Conclusion</b>	Corresponds.
<b>Storage Condition</b>	Short-term storage: 2-8 °C Long-term storage: -20 °C

**QC:**

**Alex Foster**

**QA:**

**Felix Hobart**

TEL: +1-862-686-3898 || FAX: +1-323-978-5598

Homepage: [www.linkpeptide.com](http://www.linkpeptide.com)

Address: 63 Chestnut Rd, STE 5 Paoli, PA 19301, USA