



Quality and Stability Report for Thymosin Alpha

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|---------------------|--------|-------------------------|--------------|
| Product Name | TA | Manufacture Date | June 1, 2025 |
| Batch No# | N/A | Analysis Date | June 8, 2025 |
| Quantity | 1 vial | Expire Date | One Year |

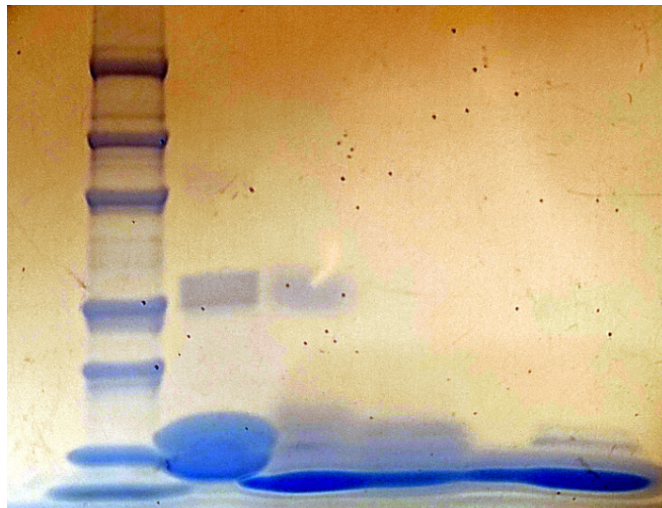
| Tested Item | Specification | Results |
|--------------------|----------------------------------|----------------|
| Appearance | Colorless | Complies |
| Odor | Odorless | Complies |
| Fluid Clarity | Clear Solution without particles | Complies |
| pH value | pH=7.0 after dissolved | Complies |
| Heavy Metals | Test | Complies |
| Arsenic | Test | Complies |
| Lead | Test | Complies |
| Mercury | Test | Complies |

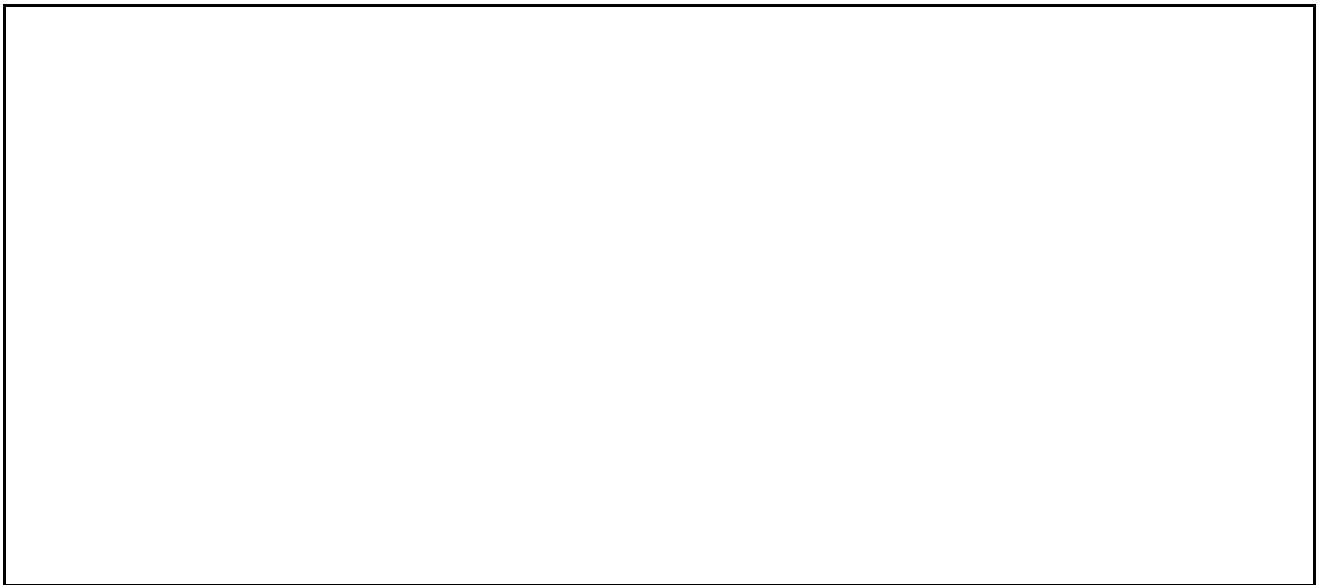
| Microbie Test | | |
|----------------------|--------------------------------------|----------|
| Total Plate Count | 2 plate for 1ml of sample each plate | Complies |
| Yeast & Mold | Negative (Potate LB Plates) | Complies |
| Bacteria | Negative (Potate LB Plates) | Complies |
| Endotoxin Level | <0.05 EU/ml | Complies |

| | |
|-------------------|---|
| Conclusion | The SDS-PAGE gel showed a clear band st 3.0KD size. No degradation. The detailed culture is shown below. |
|-------------------|---|

Note: SDS-PAGE gel results
Protein size marker
(from the bottom)

1kd
3kd
10kd
20kd
40kd
60kd
100kd





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|---------------------|----------------------|--------------------|------------------|
| QC Scientist | Edwin Hu, PhD | Report Date | 8-June-25 |
| Signature | <i>Edwin Hu</i> | Date | <i>8-June-25</i> |