



# Certificate of Analysis

## Thymosin Alpha-1 (10 mg)

|               |                     |
|---------------|---------------------|
| Batch No:     | CS-ta110-1231       |
| Sample:       | tb50010mg           |
| Task Number   | ThymosinAlpha-110mg |
| Chemical Name | Thymosin Alpha-1    |
| MG:           | 10mg                |

## Physical & Chemical Properties

|                       |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Formula:    | N/A                                                                                                                                                                             |
| Molecular Weight:     | N/A                                                                                                                                                                             |
| Refrigerator storage: | Temp: 2–8°C, Typical use: short- to medium-term storage. Est stability: commonly months to 1–2 years if sealed and protected from moisture/light.                               |
| Freezer storage:      | Temp: –20°C preferred. Ultra-low storage: –80°C sometimes used in research settings. Typical use: long-term storage. Estimated stability: often 2+ years when unopened and dry. |

## Analytical Data

| Test Items    | Specification                               |
|---------------|---------------------------------------------|
| Appearance    | White to off-white lyophilized solid powder |
| Purity (HPLC) | 99.756%                                     |

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only

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