
CERTIFICATE OF ANALYSIS

Client USChemLabs.com
Date 5/21/2024
Order ID USLCTHYA62304
Product Name Thymosin Alpha 1
Catalog No N/A
Lot No. TA100987 - TA100998
Sequence 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
Length 30AA
Modification N/A
Storage -20° C

TEST ITEMS	SPECIFICATION	RESULT
MW by MS	3108.3 ± 1.0	3108.3
Purity by HPLC	> 98 %	99.025 %
Assay	80.0 % ~ 120.0 %	103.4 %
TFA Content	≤ 0.500 %	Conforms
Acetic acid content	≤ 5.0 %	0.2 %
Solubility	5 mg/1 ml H ₂ O	Clearly soluble
Appearance	White to off-white lyophilized powder	Conforms

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