



Certificate of Analysis (COA)				
Product Name	Thymagen Lyophilized Powder			
Dosage Form	Lyophilized Powder (Vial)			
Specification	20mg per vial			
Use	For Research Only			
Batch No	20250401			
MFG Date	1-Apr-25			
Exp Date	1-Apr-28			
Storage	2-8°C, protect from light and moisture			
Test Standard	In-house Research Grade Standard			
No	Test Item	Test Result	Requirement	Conclusion
1	Description	White to off-white lyophilized powder, no foreign matter	White to off-white lyophilized powder	Conforms
2	Odor	Odorless	Odorless	Conforms
3	pH (After Reconstitution)	6.2	5.5-7.5	Conforms
4	Assay (Thymagen)	20.2 mg	95.0%-105.0%	Conforms
5	Heavy Metals (Pb)	<10 mg/kg	≤10 mg/kg	Conforms
6	Arsenic (As)	<2 mg/kg	≤2 mg/kg	Conforms
7	Total Aerobic Microbial Count	<100 CFU/g	≤1000 CFU/g	Conforms
8	Yeast & Mold	<50 CFU/g	≤100 CFU/g	Conforms
9	Escherichia coli	Absent in 1g	Absent	Conforms
10	Salmonella	Absent in 10g	Absent	Conforms
11	Purity(HPLC)	99.60%	≥99.0%	Conforms
GENERAL CONCLUSION	This batch complies with research-grade standard. For research only.			
Inspector	LIU JIANG			
Reviewer	ZHANG LEI			
Issued Date	8-Apr-25			