

**Certificate of Analysis**

Product Name	Recombinant Protein Human IL-21	Batch No.	20240415
Cat. No.	Y02901	Storage Conditions	≤-20℃
Manufacturing Date	2024.04.15	Expiration Date	2027.04.15
Testing Basis	Specification for Recombinant Protein Human IL-21		
Testing Parameters	Quality Specification	Testing Result	Result Judgment
Appearance	White powder, Clear colorless liquid after resolution	White powder, Clear colorless liquid after resolution	Compliance
pH	7.0 - 8.0	7.5	Compliance
Protein Concentration	0.9 - 1.1 mg	1.0 mg	Compliance
Hydration	≤2.5%	1.8%	Compliance
Purity (SDS-PAGE)	≥95.0%	95.7%	Compliance
Relative Bioactivity	The relative biological activity should be 70%-130% comparison to standard reference	104%	Compliance



**Jiangsu East-Mab Biomedical Technology Co.,Ltd.**

Product Name	Recombinant Protein Human IL-21	Batch No.	20240415
Testing Parameters	Quality Specification	Testing Result	Result Judgment
Bacterial Endotoxin	≤10.0 EU/mg	≤10.0 EU/mg	Compliance
Sterility Test	Compliance	Compliance	Compliance
Conclusion	Compliance		



Reported by / Date:

Jinjun Chen 2024.05.26

Checked by / Date:

Jing Meng 2024.05.26

Approved by QA / Date

Yanning Zhou 2024.05.26