

Certificate of Analysis

Product Name	Recombinant Human IFN- $\gamma$ (E.coli-expressed)	Batch No.	20251128
Cat. No.	Y01821H	Storage Conditions	$\leq -20^{\circ}\text{C}$
Manufacturing Date	2025.11.28	Expiration Date	2028.11.27
Testing Basis	Specification for Recombinant Human IFN- $\gamma$		
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	7.6	Compliance
Protein Concentration	9.0 - 11.0 $\mu\text{g}$	10.3 $\mu\text{g}$	Compliance
Hydration	$\leq 2.5\%$	1.5 %	Compliance
Purity (SDS-PAGE)	$\geq 95.0\%$	97.0%	Compliance
Relative Bioactivity	The relative biological activity should be 70%-130% comparison to standard reference	108%	Compliance



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Bacterial Endotoxin	$\leq 10.0$ EU/mg	$\leq 10.0$ EU/mg	Compliance
Sterility Test	Compliance	Compliance	Compliance
Conclusion	Compliance		



Reported by / Date:

Xiao qing Liu 2025.12.17

Checked by / Date:

Jing Meng 2025.12.17

Approved by QA / Date:

Yanning Zhou 2025.12.17

