

Version : 05  
Update : 07/17/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	IL-7, Human
Cat. No.:	Z02704
Lot No.:	M2404013
Size:	Specified on product label
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4.
Reconstitution:	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml.
Stability & Storage:	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

### Quality Control

Test Items	Specifications	Results
Appearance	White Freeze-dried Powder	Pass
Purity	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC	Pass
Endotoxin Level	< 1 EU/µg of protein by LAL method	Pass
Biological Activity	Fully biologically active when compared to standard.rHuIL-7 stimulates proliferation of PHA-activated human peripheral blood mononuclear cell(PBMC).The specific activity of Recombinant Human IL-7 is $\geq 1.0 \times 10^8$ IU/mg, which is calibrated against human IL-7 WHO Standard.	Pass

Date: 04/17/2024

Approved by: *Dandan Yao*

Quality Department

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China