

Version : 04
Update : 05/08/2023

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	IL-2, Human
Cat. No.:	Z00368
Lot No.:	M2311021
Size:	Specified on product label
Formulation:	Lyophilized from a 0.2 µm filtered solution in 10 mM sodium citrate, pH 4.0.
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 18 MΩ-cm H ₂ O up to 100 µg/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	> 95% as analyzed by SDS-PAGE > 95% as analyzed by SEC-HPLC	Pass
Endotoxin Level	< 1 EU/µg of protein by LAL method	Pass
Biological Activity	The ED ₅₀ as determined by the dose-dependant stimulation of the proliferation of CTLL-2 was found to be < 0.1 ng/ml, corresponding to a specific activity of > 1.0 × 10 ⁷ IU/mg.	Pass

Date: 12/01/2023

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

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