

Version :04  
Update : 05/08/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	IL-1 $\beta$ , Rat
Cat. No.:	Z03592
Lot No.:	M2208008
Size:	Specified on product label
Formulation:	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS, pH 7.4, with 5 % trehalose, 0.02 % Tween-20.
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 -20°C or -70°C. Upon reconstitution, the product should be stable for up to 1 week at 2-8°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Pass
Purity	> 96% as analyzed by SDS-PAGE > 96% as analyzed by HPLC	Pass
Endotoxin Level	< 1 EU/ $\mu$ g of protein by LAL method	Pass

Date: 05/24/2023

Approved by: *Dandan Yao*

Quality Department

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

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