

Version : 04
Update : 05/08/2023

CERTIFICATE OF ANALYSIS

Product Information

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| Product Name | EGF, Human |
| Cat. No. | Z00333 |
| Lot No. | E2308012 |
| Size: | Specified on product label |
| Formulation: | Lyophilized after extensive dialysis against 10 mM phosphate buffer, pH 7.0, 200 mM NaCl buffer. |
| 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 ddH ₂ O or PBS up to 100 µg/ml. |
| Stability & Storage: | Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. 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 | < 0.2 EU/µg of protein by gel clotting method | Pass |
| Biological Activity | The ED ₅₀ , calculated by the dose-dependant proliferation of murine BALB/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of 5.0 × 10 ⁶ IU/ mg. | Pass |

Date: 09/14/2023

Approved by: *Dandan Yao*

Quality Department

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

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