



CERTIFICATE OF ANALYSIS

PRODUCT: Recombinant Murine Interleukin 2 FOR RESEARCH
 BATCH NO.: Lot specific MANUFACTURING DATE: Lot specific
 SIZE: All pack sizes RETEST DATE: Lot specific
 TEST BASIS: ENTERPRISE STANDARD
 CATALOG #: 1310-02

| Item | Standard | Result |
|---------------------------------|--|---|
| Characteristics | White Freeze-dried Powder | Conformed |
| pH | 7.4±0.5 | 7.42 |
| SDS-PAGE Electrophoresis Purity | >95% | Conformed |
| HPLC Purity | >95% | 96.13% |
| Specific Biological Activity | >5.0×10 ⁶ IU/mg ED ₅₀ (CTLL-2) = <0.2 ng/ml | 5.31×10 ⁶ IU/mg Conformed |
| Molecular Weight | 17.2±1.7 KDa | Conformed |
| Bacterial Endotoxins | <1.0 EU/μg rMuIL2 | <0.2 EU/μg |

The product is tested according to the enterprise standard. The result is QUALIFIED.

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

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Report date: 4/5/2013