

Certificate of Analysis

Recombinant Human IGF-1 LR3 (For Research Purposes Only)

PRODUCT: Recombinant Human LONG R3 IGF-1 FOR RESEARCH

BATCH NO.: K21614M071

SIZE: 1mg/vial

REPORT DATE: 2016.07.12

Expiry Date: 2019.07.12

TEST BASIS: ENTERPRISE STANDARD

| Item | Standard | Result |
|---|---------------------------|-----------|
| Characteristics | White Freeze-dried Powder | Conformed |
| pH | 7.0±0.5 | 7.03 |
| SDS-PAGE Electrophoresis Purity | >95% | 100% |
| RP-HPLC Purity | >95% | 98.09% |
| Stimulation of protein synthesis in rat L6 myoblasts | ED ₅₀ <10ng/ml | <1ng/ml |
| Molecular Weight | 9110±5Da | 9111.1Da |
| Bacterial Endotoxins | <50EU/mg rHuLR3 | <5EU/mg |
| The product is tested according to the enterprise standard. The result is QUALIFIED. | | |