

Certificate of Analysis

Description: Recombinant Epidermal Growth Factor (Human) (rHuEGF)

Preparation Date: 04-10-2013

Expiry Date: 04-09-2015

Size: 100 µg/vial

Cat #: HEGFP-05011

Lot #: K10504041

Test Parameters	Specification	Result
Purity ¹	Sample must exhibit >98% purity	98.87%
Biological Activity ²	The ED ₅₀ must be less than 0.6 ng/ml, corresponding to a specific activity of >1.0 x 10 ⁷ IU/mg	1.41 x 10 ⁷ IU/mg
Molecular Weight ³	Sample must have a molecular weight of 6.2± 0.6 kDa	Pass
Endotoxin ⁴	Results must show ≤ 1.0 EU/mL	≤ 0.01 EU/mL
Physical Appearance	Sample must have a white, lyophilized powder appearance	Pass

1. The sample is assayed for purity by SDS-PAGE and HPLC analyses.
2. The ED₅₀ is determined by a cell proliferation assay using murine Balb/c 3T3 cells.
3. The sample is tested for molecular weight using SDS-PAGE.
4. The sample is tested for endotoxin contamination with LAL test.



Jane Chen
QA Manager
Apr 17, 2013