

Certificate of Analysis

Description: Recombinant Interferon-alpha1b (Human)

Preparation Date: 07-09-2013

Expiry Date: 07-08-2015

Cat #: HEIFP-01011

Lot #: K10602071

Size: 2.0 µg/vial

Test Parameters	Specification	Result
Purity ¹	Sample must exhibit >96% purity.	96.03%
Biological Activity	The ED ₅₀ must be less than 0.05 ng/mL, corresponding to a specific activity of >1.0 x 10 ⁸ IU/mg.	1.33 x 10 ⁸ IU/mg
Molecular Weight ²	Sample must have a molecular weight of 19.5 ± 2.0 kDa.	Pass
Endotoxin ³	Results must show ≤ 1.0 EU/µg.	≤ 0.02 EU/µg
Physical Appearance	Sample must have a white, lyophilized powder appearance.	Pass

Notes:

1. The sample is assayed for purity by SDS-PAGE and HPLC analyses.
2. The sample is tested for molecular weight using SDS-PAGE.
3. The sample is tested for endotoxin contamination with LAL test.



Jane Chen
QA Manager
Jul 16, 2013