

Certificate of Analysis

LONG[®]EGF Freeze-Dried Product (FD)

Repligen Sweden AB product name: LONG[®]EGF Freeze-dried Product (FD)

Repligen article number: 10-1021-20

Media grade

Batch number:

Date of filling (MMM YYYY):

Expiration date (MMM YYYY):

Storage conditions: Minus 20 °C ± 5 °C

Packaging: Clear glass-vials with stoppers

Quantity: 20 mg/vial

Intended use: For further manufacturing use.
Not for human administration.

The product is manufactured in accordance with the manufacturing formula for LONG[®]EGF (MF-0353) and Repligen Sweden AB Quality Policy, (POL-0361).

Site of Manufacturing: Repligen Sweden AB, Box 965, SE-220 09 Lund, Sweden.

Dried from 0.01 M hydrochloric acid: under dry N₂ at slight vacuum.

Category	Test Method	Acceptance criteria	Result
Appearance	Visual inspection	White powder	
Molecular weight	Mass Spectrometry	12296-12300 Da	
Biological Activity	Stimulation of cell growth	ED ₅₀ LT 20 ng/mL	
Endotoxin	LAL	LT 0.10 EU/μg	
Purity	SDS-PAGE	NLT 95% single band between 6000 and 14400 Da	
Identity	RP-HPLC	Conforms to reference standard by retention time and chromatographic profile	

This batch fulfills the specification.

Place and date

Name
QC, Repligen Sweden AB

Place and date

Name
QA, Repligen Sweden AB