

## Certificate of Analysis

### LONG®EGF Freeze-Dried Product (FD)

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

Repligen article number: 10-1021-20R

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-00353) and Repligen Sweden AB Quality Policy, (POL-00361).

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

Dried from 0.01 M hydrochloric acid: under dry N<sub>2</sub> 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 <sub>50</sub> 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

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Place and date

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Name  
QA, Repligen Sweden AB