

## Certificate of Analysis

### DESCRIPTION

<b>Product:</b>	Microsphere-encapsulated recombinant epidermal growth factor
<b>Size:</b>	1 mL or 3 mL
<b>Date of Manufacture:</b>	8/26/2019
<b>Expiration Date:</b>	2/26/2020
<b>EGF-Molecular Mass:</b>	6.2 kDA

### PREPARATION AND STORAGE

<b>Reconstitution:</b>	Packaged as solution in DMEM/F12.
<b>Use:</b>	20 $\mu$ L/mL StemBeads <sup>®</sup> EGF = 10 ng/mL slow release EGF.
<b>Shipping &amp; Storage:</b>	This product is shipped at 4°C. Upon receipt, store it immediately at 2-8°C under sterile conditions.
<b>Stability :</b>	Stable for 6 months if stored at the recommended temperature above.

### SPECIFICATIONS

<b>Sterility:</b>	No growth of bacteria or fungi observed using direct immersion method in liquid culture.	Result:	<b>PASS</b>
<b>EGF Protein Release Profile:</b>	10 ng/mL $\pm$ 2 ng stable release of sol. EGF at StemBeads <sup>®</sup> EGF Conc. of 20 $\mu$ L/mL.	Result:	<b>PASS</b>
<b>Average Size (diameter):</b>	50 $\mu$ m $\pm$ 35 $\mu$ m (Quantification performed using ImageJ software from NIH).	Result:	<b>PASS</b>

This product is manufactured and controlled in accordance with all StemCultures Quality Control criteria.

This products meets all StemCultures Quality Control criteria. Therefore it is hereby authorized to be released for sale.

  
 \_\_\_\_\_  
 Manufacturer

9/9/19  
 \_\_\_\_\_  
 Date

  
 \_\_\_\_\_  
 Quality Assurance Manager

09/09/19  
 \_\_\_\_\_  
 Date



Ensure the presence of Quality Control stamp; this certifies that the highest level of quality and metrics were used during StemCultures manufacturing procedures



FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.

"Save Time | Better Cells" | [www.StemCultures.com](http://www.StemCultures.com)

1 Discovery Drive, Rensselaer, NY 12144 | Phone: 518-621-0848

Version 2.1

Rev. 02.02.2015