

Certificate of Analysis

DESCRIPTION

Product:	Microsphere-encapsulated recombinant epidermal growth factor
Size:	1 mL or 3 mL
Date of Manufacture:	6/29/2017
Expiration Date:	12/29/2017
EGF-Molecular Mass:	6 kDA
EGF-Primary Structure:	Asn971- Arg1023 with Met N-Terminal (1207 amino acid residues)

PREPARATION AND STORAGE

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

SPECIFICATIONS

Sterility:	No growth of bacteria or fungi observed using direct immersion method in liquid culture	Result:	PASS
EGF Protein Release Profile:	10 ng/mL ± 2 ng stable release of sol. EGF at StemBeads® EGF Conc. of 20 µL/mL.	Result:	PASS
Average Size (diameter):	50 µm ± 35 µm (Quantification performed using ImageJ software from NIH).	Result:	PASS

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

7/25/17

Date

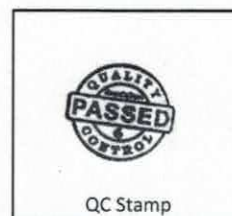


Quality Assurance Manager

07/25/17

Date

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



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