



Composition of Human Melanocyte Growth Supplement (HMGS)

Catalog # S-002-5

HMGS is a sterile 100X solution.

<u>Component</u>	<u>[HMGS]</u>	<u>[Final]</u>
Fetal Bovine Serum	50%	0.5%
basic Fibroblast Growth Factor (hr*)	0.3 µg/ml	3 ng/ml
Bovine Pituitary Extract	20%	0.2%
Heparin	300 µg/ml	3 µg/ml
Hydrocortisone	18 µg/ml	0.18 µg/ml
Insulin	500 µg/ml	5 µg/ml
Transferrin	500 µg/ml	5 µg/ml
Phorbol 12-Myristate 13-Acetate	1 µg/ml	10 ng/ml
DMSO	1%	0.01%

*hr = human recombinant