



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Created November 14, 2018

Product:

Recombinant Human M-CSF
(Macrophage colony stimulating factor)
Powder

Catalog #: 300-161P

Lot #: G17L40F

Assayed: Jan 2014

Date Received: _____

Expiration Date:* _____

TEST	METHODOLOGY	RESULTS
Biological Testing		
Endotoxin	LAL	0.12 EU/ μ g
Biochemical Testing		
Purity	SDS PAGE	>95%
Biological Activity	NSF-60 cell proliferation	3.3×10^5 U/mg

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.

 11/14/2018

Created by/ date

 11/14/2018

Verified by/ date

*Expiration Date is one year from the date of receipt when stored at -20 to -80°C.