



CERTIFICATE OF ANALYSIS
Recombinant Human M-CSF
(Macrophage colony stimulating factor)
Powder
(Catalog Number 300-161P)

Lot Number: G13L40I

Date Received: _____

Storage Temperature: $\leq -10^{\circ}\text{C}$

Product Expiry*: _____

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

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

Test	Methodology	Analysis
Biological Testing Endotoxin	Kinetic LAL	<0.05 EUs/ μg
Biological Testing Purity	Reducing and Non-reducing SDS- PAGE	$>95\%$
Biological Activity ED ₅₀	NFS-60 cell proliferation	6.3×10^5 units/mg

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Korrina Nicewonger
Name

QC Associate I
Title

23SEP2022
Date