



CERTIFICATE OF ANALYSIS
Macrophage Colony Stimulating Factor
M-CSF
Human Recombinant Powder
(Catalog Number 300-161P)

Lot Number: G423150

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	USP <85>/ EP 2.6.14	<0.005 EU/ μg
Biological Testing		
Purity	Coomassie Staining	>95%
Biological Activity ED ₅₀	NFS-60 cell proliferation assay	2.886 ng/mL

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 II
Title

18 OCT 2023
Date