



CERTIFICATE OF ANALYSIS
Granulocyte Macrophage Colony Stimulating Factor
GM-CSF
Human Recombinant
(Catalog Number 300-124P)

Lot Number: G03G40Y

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	LAL	0.10 EUs/ μg
Biological Testing		
Purity	Reducing and Non-Reducing PAGE	>95%
Biological Activity ED ₅₀	TF-1 cell proliferation	7.7×10^6 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.

Humna Z Khan
Name

QC Associate I
Title

17 SEP 2021
Date