

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name: GM-CSF, Human (P. pastoris-expressed)
Cat. No.: Z02190
Lot No.: R50021912
Storage Condition: Upon reconstitution, store at 2–8 °C for up to one week, and store at lower than -70 °C for long term storage. Avoid repeated freeze/thaw cycles.

Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	>95%	Conformed
Molecular Weight	24-35KDa	Conformed
Biological Activity	>5.0 × 10 ⁶ IU/mg	Conformed
Bacterial Endotoxin	<1.0 EU/μg	Conformed

Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188

Certified by: *Xianli Yang* Date: 12/27/2019

Quality Department

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.