

CERTIFICATE OF ANALYSIS

Product Information

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|--------------------|---|
| Product Name: | GM-CSF, Mouse |
| Cat. No.: | Z02979-10; Z02979-50; Z02979-1 |
| Lot No.: | B60101801 |
| Size: | 10µg/vial; 50µg /vial; 1mg/vial |
| Storage Condition: | Lyophilized recombinant Mouse Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, mGM-CSF should be stable up to 1 week at 4°C or up to 3 months at -20°C. |

Quality Control

| Test Items | Specifications | Results |
|---|---------------------------|-----------|
| Physical Appearance | White Freeze-dried Powder | Conformed |
| Purity (SDS-PAGE& HPLC) | > 95% | Conformed |
| Biological Activity (ED ₅₀) | < 0.05 ng/ml | Conformed |
| Molecular Weight | 15~19 kDa | Conformed |
| Bacterial Endotoxin | < 0.2 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: Joe Wang Date: 01/20/2018
Protein Products Department