



Certificate of Analysis

Reason for Submission: Release Corrected Amendment

LOT NUMBER:

PRODUCT NAME: Herpes Simplex Virus-1 gG1M (Recombinant)

DESCRIPTION: HSV-1 gG amino terminal region of 190 amino acids (Met¹-Asp¹⁹⁰ fused with human superoxide dismutase 1 (SOD) expressed in *Saccharomyces cerevisiae*.

STORAGE: Supplied frozen and should be stored at -70°C or below. Aliquots should be dispensed to avoid multiple freeze thaws.

PACKAGING: Supplied in cryovials or other suitable container. Vials are filled to contain the exact amount of protein stated on the label. Losses will occur when aliquoting.

DATE OF MFG:

EXPIRATION DATE: Greater than one year from date of receipt

I. BULK PRODUCT ANALYSIS

	Attribute	Specification	Result
1.	Physical Characteristics		
1.1	Appearance	Colorless, clear to opalescent solution	
1.2	Formulation	0.02 M Sodium Phosphate, 6M Urea	
1.3	pH	7.0 to 8.0	
2	Identity		
2.1	Molecular Weight by SDS-PAGE	Major band migrating between 45 and 66 kDa. Comparable to reference lot.	

	Attribute	Specification	Result
2.2	Immunospecificity by Western Blot	Major immunospecific band migrating between 45 and 66 kDa. Comparable to reference lot.	
3	Potency		
3.1	Protein Concentration by Coomassie® Plus	1.0 to 2.0 mg/ml	
3.2	Immunospecificity By Western Blot	Major immunospecific band migrating between 45 and 66 kDa. Relative band intensities compare to reference lot.	
4.	Purity		
4.1	Electrophoretic Migration by SDS-PAGE	Major band migrating between 45 and 66 kDa. Purity compares with reference lot.	

Comments: All tests reported as pass

Production Manager or Scientific Director

Date

**NOT A FINISHED PRODUCT
INTENDED FOR FURTHER MANUFACTURING PROCESSING ONLY**

**BIOHAZARD INFORMATION
No physical or health hazards under OSHA definitions (NOT HAZARDOUS)**