

## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** Silk Protein (Peptide), Hydrolyzed  
**INCI Name:** Hydrolyzed silk protein  
**CAS Number:** 96690-41-4  
**Lot Number:** 2515444  
**Expiration Date:** 24 months from production date

Analytical Tests	Specifications	Results
Appearance at room temp	White powder	Complies
Odor	Characteristic	Complies
Non-volatile Matter (1g/1hr/105°C)	90.0-95.0%	92.6%
pH, Direct @ 25°C	4.0-5.5	4.5
Color, Gardner	11.0 MAX	Complies
Ash 800°C	0.5% MAX	0.1%
Nitrogen, Dumas	16-25%	18%
Total Aerobic Bacteria	<100 CFU/ml; no pathogens	Complies
Mold & Yeast	<100 CFU/ml	Complies

\*May sediment with aging

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

All data are as per our supplier.