

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Silk Protein, Hydrolyzed  
**INCI Name:** Hydrolyzed silk  
**CAS Number:** 96690-41-4  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 12 months from production date

Analytical Tests	Specification	Analysis
Appearance	Clear, amber liquid	PASS
Odor	Characteristic, mild	PASS
Non-Volatile Matter	8.0-14.0%	10.0%
pH (direct @ 25°C)	4.0-5.5	4.9
Color, Gardner	11 Maximum	6.5
Ash (800°C)	0.5% Maximum	0.1%
Nitrogen, Dumas	1.6 – 2.3%	1.6%
Microbial Content When Packaged	100 OPG Maximum No Pathogens	PASS

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.