

## Certificate of Analysis

**Product Name:** Silk Hydrolyzed Protein

**Lot Number:** 29888  
**Manufacture Date:** March 17, 2023  
**Re-Test Date:** March 17, 2024  
**CAS #'s:** 96690-41-4  
**EINECS #'s:** 306-235-8  
**INCI Name:** Hydrolyzed Silk

Specification	Parameter	Result
Appearance	Clear to Slightly Hazy Amber Liquid	Pass
Color	7 Gardner Maximum	3
Odor	Characteristic	Pass
NVM (1g/1hr @ 105°C)	20.0% Minimum	20.8
pH (direct)	4.0 – 6.0	4.5
Nitrogen (Kjeldahl)	1.6 – 2.4%	1.9
Ash (800°C)	8.0% Maximum	1.1
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 2 ppm	< 2 ppm
Cadmium	< 1 ppm	< 1 ppm
Microbial Content	< 100 CFU/g; No pathogens	Pass
Yeast & Mold	< 100 CFU/g	Pass
Gram Negative Bacteria	0 CFU/g	Pass

**May Sediment upon Standing; Mix Well Prior to Use**

**\*\*Note:** Product may change appearance if exposed to cold temperatures during shipment or storage. If this happens, please gently warm to 45-50°C and mix until normal appearance is restored.