



Certificate of Analysis

Product Name: Silk Hydrolyzed Protein
Lot Number: 37877
Manufacture Date: March 19, 2024
Re-Test Date: March 19, 2025
CAS #'s: 96690-41-4
EINECS #'s: 306-235-8
INCI Name: Hydrolyzed Silk

Specification	Parameter	Result
Appearance	Amber Liquid Clear to Slightly Hazy Amber Liquid	Pass
Color (Gardner)	7 Maximum	4
Odor	Characteristic	Pass
NVM (1g/1hr @ 105°C)	20.0% Minimum	20.6
pH (direct)	4.0 – 6.0	4.8
Nitrogen (Kjeldahl)	1.6 – 2.4%	1.8
Ash (800°C)	8.0% Maximum	1.6
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.

QA Signature Tori Hoag

Date April 24, 2024