



Innovation through Nature

Product Standard

SUPRO® 590 Isolated Soy Protein

Product Description

SUPRO® 590 is an isolated soy protein that is designed to be dispersed in brine for injection into hams and other similar cured products. It provides a number of benefits in products that result in enhanced finished-product quality and cost optimization.

SUPRO 590 can be used in most manufacturing processes. It disperses in brine solutions and will not clog injection equipment when properly hydrated.

This product is produced using Solae's Quality Management System, which is based on sound quality principles intended to ensure the consistency, safety and performance of our products.

Product Analysis

Assay	Specifications	Methods of Analysis
Chemical Analysis		
Moisture	Max 6.0%	AOAC 925.10
pH (5% Slurry)	6.7 - 7.1	AOAC 943.02 Modified
Protein, Dry Basis	Min 90.0%	AOAC 992.23
Fat, Free (PE Extract)	Max 1.5%	AOCS Ba 3-38 Oil
Ash	Max 5.0%	AOCS Ba 5-49

Assay	Specifications	Methods of Analysis
Physical Properties		
Flavor/Odor	Bland	Organoleptic
Density	0.27 - 0.37 g/cc	Graduated Cylinder

Assay	Specifications	Methods of Analysis
Microbiological Analysis		
Standard Plate Count	Max 10,000/g	FDA-BAM 8th Ed.
Salmonella (/375g)	Negative	FDA-BAM 8th Ed.
Coliforms	Max 10/g	FDA-BAM 8th Ed.
E. coli	Max <3/g	FDA-BAM 8th Ed.
Yeast and Mold	Max 100/g	FDA-BAM 8th Ed.
Staphylococcus Aureus (/0.1g)	Negative	FDA-BAM 8th Ed. Ch 12
Streptococcus, Beta Hemolytic	Negative	ASM Clinical Microbiology

Ingredient Statement

Isolated Soy Protein with Less Than 2% Lecithin and Contains Sulfiting Agents

Labeling

The package label indicates:

1. Product Name
2. Ingredient Statement
3. Name and Address of the Manufacturer
4. Net Weight of Contents
5. Identification Code

Manufacturing

This product is manufactured in accordance with Good Manufacturing Practices for human food products as established under the United States Federal Food, Drugs & Cosmetic Act and/or other applicable requirements.

To assure availability for the customer, product meeting this Product Standard may be supplied from any manufacturing facility of Solae, LLC.

Regulatory Status

USA - Soy proteins are generally recognized as safe (GRAS) based upon 21 CFR 170.30 and/or the use of conventional processing as practiced prior to 1958.

European Union - Soy proteins are accepted food ingredients.

World Health Organization - Soy proteins are approved as a food ingredient under Codex Alimentarius standard for Soy Protein Products Codex Standard 175 and for Vegetable Protein Products Codex Standard 174.

Storage

The shelf life of this product is 24 months from the date of manufacture when stored in accordance with these guidelines:

- Product container integrity maintained.
- Product stored on pallets, off the floor and out of contact with walls and ceiling.
- Product stored in an area that is free of strong and objectionable odors.

For best results, it is recommended that this product be stored at an average yearly temperature of less than 23°C (73°F).

Failure to object in writing to any of the foregoing Product Standard within 10 business days of receipt of this document shall be considered as your acceptance of and agreement to the specifications set forth above.

Version: 8.0 Issue Date: 09.JULY.2019 Supersedes all previous Product Standard documentation provided by Solae, LLC for this product.
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Solae, LLC, North America 4300 Duncan Avenue St. Louis, MO 63110 USA Tel: 1.800.325.7108 www.solae.com	Solae Europe S.A. 2, Chemin du Pavillon CH-1218 Le Grand-Saconnex Geneva, Switzerland Tel: +41(0).22.717.64.00 www.solae.com	Solae c/o DuPont China Holding Co., Ltd. Building 11, 399 Keyuan Road, Zhangjiang Hi-Tech Park, Pudong New District Shanghai, China 201203 Tel: +86-21-3862-2323 www.solae.com	Solae do Brasil Ind. Com. Alim. Ltda Alameda Itapecuru, 506 06454-080 - Barueri - SP Brazil Tel: +55.51.3458 9000 www.solae.com
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