

PRODUCT DATA SHEET

Organifi Collagen Pouch 30svg

Product Code	RFI-FC230202P-30svg
Version Number	0
Date Created	2023-09-22
Date Modified	New Document

Country of Origin:	USA	Kosher:	No
Storage:	Store in a cool, dark, and dry area. At room temperature or below 20°C.	Organic:	No
Shelf-Life:	24 months (projected) from production in original closed package.	Non-GMO:	Yes
Composition†:	90-99% Hydrolyzed Bovine Collagen Peptides, ≤2% Chicken Bone Broth Protein Concentrate, ≤2% Eggshell Membrane Collagen, ≤2% Hydrolyzed Fish Collagen Peptides	BE:	No
		Allergen¹:	E (as Eggshell); F (as Fish)
		Vegan:	No
		BSE-Free:	Yes
		Sulfites:	No

SPECIFICATIONS

PHYSICAL

Characteristics	Methods	Constraints	Specifications
Appearance	Visual		Off-White to Cream powder
Sensory	Organoleptic (TQ-310)		Complies to Standard
Identification†	FTIR ² (TQ-142)	≥	0.85 correlation
Purity†	FTIR ² (TQ-142)	≥	0.85 correlation
Composition†	FTIR ² (TQ-142)	≥	0.85 correlation
Moisture	TQ-104	≤	12%**

CHEMICAL

Characteristics	Methods	Constraints	Specifications	UOM
Strength†: Protein (dry basis)	AOAC 990.03	≥	9	g/svg*
Gluten	Gluten Test Kit/ELISA method/ RIDA Quick Gliadin	<	20	ppm

HEAVY METALS

Characteristics	Methods	Constraints	Specifications**	UOM
Arsenic	ICP/MS USP<730>/ AOAC 993.14	≤	10	mcg/svg ³
Cadmium	ICP/MS USP<730>/ AOAC 993.14	≤	4.1	mcg/svg ³
Lead	ICP/MS USP<730>/ AOAC 993.14	≤	10	mcg/svg ³
Mercury	ICP/MS USP<730>/ AOAC 993.14	≤	2	mcg/svg ³

MICROBIOLOGY

Characteristics	Methods	Constraints	Specifications	UOM
Aerobic Plate Count	AOAC/USP	≤	100,000**	CFU/g
Coliforms	AOAC/USP	≤	1,000**	CFU/g
<i>Escherichia coli</i>	AOAC/USP		Negative	per 10 g
<i>Salmonella</i>	AOAC/USP		Negative	per 10 g
<i>Staphylococcus aureus</i>	AOAC/USP		Negative	per 10 g
Yeast and Mold	AOAC/USP/FDA	≤	10,000**	CFU/g

¹Allergen information is based on the U.S. major 9 allergens. If following letters are shown, the product contains: C=Crustaceans and/or Shellfish products, E= Eggs and egg products, F= Fish and fish products, M=Milk and milk products, N=Nuts and products made from these nuts including tree nuts, P= Peanuts and peanut products, S= Soy and soy products, W=Wheat and wheat products, SE=Sesame and sesame products

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²Confirmed by FTIR purity analysis

³Heavy metals are monitored according to RFI's contaminant surveillance program.

†According to 21CFR111.70, cGMP for manufacturing of Dietary Supplements.

This blend contains natural ingredients and there may be variations from lot to lot due to crop fluctuations from harvest to harvest.

This product is gluten-free as per regulation 21CFR101.91.

*1 serving= ~10.2g

1 Pouch= ~306g (Fill Weight)

**Projected, specification will be established after 5 lots

Approval Signature: Lee Title: Regulatory Supervisor Date: 09/22/23

Customer Signature: _____ Title: _____ Date: _____

The information contained herein is believed to be accurate and offered in good faith for the benefit of the buyer. However, RFI does not assume responsibility for determination of suitability, labeling or claims, patent infringements, liabilities or risks associated with the use of this product.

New Document: 09/22/23 YSL

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SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Identification: Organifi Collagen Pouch 30svg
 Product Code: RFI-FC120202P-30svg
 Synonym: N/A
 CAS: N/A
 DOT Classification: Non-hazardous

II. HAZARDS IDENTIFICATION

HEALTH AND SAFETY	ENVIRONMENT	OTHER HAZARDS
The substance presents no explosive hazard. Does not belong to oxidizing substances. Does not belong to Radioactive Material	N/A	This mixture has not been tested as a whole. The mixture includes, however, ingredients at concentrations greater than or equal 1% which, undiluted, could present the following hazards to health: SKIN/EYES: May irritate skin & eyes INGESTION: No adverse effects anticipated INHALATION: No adverse effects anticipated

III. COMPOSITION AND INFORMATION ON INGREDIENTS:

COMPONENTS: CHEMICAL AND COMMON NAMES	% (W/W)	OSHA PEL	TLV
Hydrolyzed Bovine Collagen Peptides, Chicken Bone Broth Protein Concentrate, Eggshell Membrane Collagen, Hydrolyzed Fish Collagen Peptides	100%	N/A	N/A

IV. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES- SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATIONS, AND SUPPORT IF NECESSARY:

EYE CONTACT	SKIN CONTACT	INHALATION	INGESTION
Immediately flush with large amounts of water for at least 15 minutes.	Wash with soap and water	Not Known	Not Known

V. FIRE AND EXPLOSION HAZARD DATA:

Flash point	EXPLOSION HAZARDS	SPECIAL FIRE FIGHTING PROCEDURES	INCOMPATIBILITY (MATERIALS TO AVOID)	HAZARDOUS COMBUSTION PRODUCTS	EXTINGUISH MEDIA	HAZARDOUS POLYMERIZATION
N/A	None Known	Use standard procedures and preferred extinguishing media.	Oxidizing materials can cause a reaction	Burning generates CO, CO ₂ , irritating smoke	Water Fog CO ₂ Foam Dry Chemical	Will not occur

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VI. ACCIDENTAL RELEASE MEASURES:

	WASTE DISPOSAL METHOD
<i>If Released or spilled</i>	
Soak up spills with absorbent media; collect in containers for disposal. Avoid open flame or other sources of ignition.	Treat, store, and dispose in accordance with Federal, State, and Local regulations. Material is biodegradable and maybe treated via sanitary waste treatment plant or approved sanitary landfill.

EMERGENCY FIRST AID PROCEDURES- SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATIONS, AND SUPPORT IF NECESSARY:

VII. HANDLING AND STORAGE:

HANDLING PROCEDURES	STORAGE PROCEDURES
Wear suitable protective clothing and gloves.	Store in a cool dry area. Keep away from strong, direct light. Refrigeration or frozen conditions may be recommended.

VIII. EXPOSURE CONTROL AND PERSONAL PROTECTION

RESPIRATORY PROTECTION	HANDLING AND STORAGE PRECAUTIONS	OTHER PROTECTIVE CLOTHING AND EQUIPMENT	HYGIENIC WORK PRACTICES	ENGINEERING CONTROLS
Dust mask.	Keep containers closed.	Protective gloves.	Wear standard work gloves, standard process and lab ware and hats	Provide adequate ventilation. Eyewash and safety showers should be easily accessible.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR	SPECIFIC GRAVITY (@20/20°C)	SOLUBILITY IN WATER	MELTING POINT	BOILING POINT	VAPOR PRESSURE	EVAPORATION RATE	VAPOR DENSITY (AIR =1)
Off-White to Cream powder	N/A	Partially Soluble	Not Known	N/A	N/A	N/A	N/A

X. STABILITY AND REACTIVITY

CONDITIONS TO BE AVOIDED	MATERIALS TO BE AVOIDED	HAZARDOUS COMPOUNDS
Protect from sunlight, keep away from heat and moisture Stable at normal temperatures and storage conditions.	Poisonous articles	None

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XI. TOXICOLOGICAL INFORMATION:

ACUTE/CHRONIC INHALATION	ACUTE/CHRONIC SKIN CONTACT	ACUTE EYE CONTACT	INGESTION
Not determined	May be slight irritant	May be slight irritant	Not determined

XII. ECOLOGICAL INFORMATION:

GENERAL	DATA FROM ECOLOGICAL TOXICITY STUDIES
The substance does not belong to toxic substances	It does not contain any hazardous pollutants

XIII. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL
Disposal must be in accordance with federal, state, and local regulations

XIV. TRANSPORT INFORMATION:

SHIPPING INFORMATION
Not subject to IATA Dangerous Goods Regulations (DGR). Suitable for any kinds of transport: such as Road, Rail, Sea, Air and Courier.

XV. REGULATORY INFORMATION:

OSHA	TSCA STATUS	SARA HAZARD IDENTIFICATION	CERCLA REPORTABLE QUANTITY
Refer to section 11 for OSHA Hazardous Chemical(s) and Section 1 for exposure limits.	N/A	Hazard Categories Under Title III Rules (40 CFR 370): N/A Section 302 Extremely Hazardous Substances: N/A Section 313 Toxic Chemical(s): N/A	N/A

XVI. OTHER INFORMATION:

OTHER PRECAUTIONS AND/OR INFORMATION
NONE

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