

	CERTIFICAT DE CONFORMITE	DATE
		03/06/19
		VERSION N°1

POUR LE CLIENT

NOVOMA SARL
BATIMENT ZEPHYR AVENUE BERNARD
31 400 TOULOUSE

Je soussigné M. WACRENIER, Président de Laboratoire PHYTOCOSMA SAS certifie que le produit cité ci-après est conforme aux spécifications établies.

Nous vous rappelons qu'il vous appartient de vérifier les conditions de distribution et d'utilisation de ces produits conformément à la législation en vigueur.

Code interne
 Désignation interne

Code client
 Désignation client

Numéro de lot Numéro de BL

Date de fabrication DDM

Conditions de conservation

Le produit contient de(s) Allergène(s)

Liste des allergène(s) dans le produit

Le produit contient de(s) Additif(s)

Liste de(s) additif(s) dans le produit

Le produit est BIO

(*Produit issu de l'agriculture biologique FR-BIO-01 et process conforme à la fabrication de produits biologiques)

Le produit est sans OGM Le produit est Ionisé

Le produit est sans Gluten

Conforme Végétarien Conforme Végétalien

Conforme Halal Conforme Casher



WEISHARDT International
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Exclusive distribution **Natural**
FUNCTIONAL INGREDIENTS

CERTIFICATE OF ANALYSIS
 Weishardt Group

CUSTOMER : NATURAL FUNCTIONAL INGREDIENTS - FRANCE	YOUR ORDER :
	OUR REFERENCE : 72536 SO
QUALITY : NATICOL® BPMG – WILD MARINE COLLAGEN FRIEND OF THE SEA®	ARTICLE : *G1003224*
BATCH : 083234141	QUANTITY : 3120 kg
PREPARATION DATE : 10/2023	DATE OF MINIMUM DURABILITY : 10/2028

PHYSICO-CHEMICAL CHARACTERISTICS	RESULT	UNIT	SPECIFICATION
Protein (*)	≥ 93	%	min 93
Average molecular weight (*)	2000	Da	2000
Viscosity (20%, 25°C)	25,5	mp	20 – 40
pH	6,69	-	5,6 – 7,0
Moisture	5,9	%	max 7
Taste	conform	-	neutral
Odor	conform	-	neutral
Ash (550°C) (*)	≤ 2	%	max 2
SO ₂ (*)	≤ 10	mg/kg	max 10
H ₂ O ₂ (*)	≤ 10	mg/kg	max 10
Arsenic (*)	≤ 1	mg/kg	max 1
Cadmium (*)	≤ 0,3	mg/kg	max 0,3
Chromium (*)	≤ 10	mg/kg	max 10
Copper (*)	≤ 30	mg/kg	max 30
Iron (*)	≤ 30	mg/kg	max 30
Lead (*)	≤ 3	mg/kg	max 3
Mercury (*)	≤ 0,1	mg/kg	max 0,1
Zinc (*)	≤ 30	mg/kg	max 30
Particle size	conform	-	microgranulated
MICROBIOLOGICAL CHARACTERISTICS	RESULT	UNIT	SPECIFICATION
Total aerobic microbial count	<10	in 1 g	max 1000
E. coli	absent	in 10 g	absence
Sulfite-reducing sporulated anaerobic bacteria	absent	in 1 g	max 10
Salmonella	absent	in 25 g	absence
Yeasts and Moulds	<10	in 1 g	max 100

Parameters with an asterisk (*) are analysed according to a periodic analysis plan.

Mainly Type I collagen & contains Type III in small quantities.

Sustainable certified collagen issued from fish skins.

Quality conform to the requirements of regulation (EC) N° 853/2004, N° 2073/2005, to the "GME standard code bacteriological specification food grade gelatine", to the European Pharmacopea, to the American Pharmacopea (USP/NF) and to your requirements.

This collagen is certified Friend of the Sea®.

The use of the Trade Mark Friend of the Sea® pre-supposes that the user has first obtained Weishardt and Friend of the Sea® licensing agreement.

QUALITY CONTROL MANAGER
 Olivier ROBERT

Date : **October 31, 2023**

HEADQUARTERS : Weishardt International

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AROME NATUREL Caramel
Caramel Natural Flavor
AB11022

Numérot de Lot **C101102** **Date de contrôle** **22/11/2023**
Batch Number *Control date*

	Spécifications <i>Specifications</i>	Résultats <i>Results</i>	Méthodes <i>Methods</i>
DESCRIPTION / DESCRIPTION			
Apparence / Appearance	Poudre / Powder	Conforme / Conform	Interne / Internal
Couleur / Colour	Blanc / White	Conforme / Conform	Interne / Internal
Odeur et Goût / Smell and Taste	Caramel / Caramel	Conforme / Conform	Interne / Internal
CARACTERISTIQUES PHYSICO-CHIMIQUES / PHYSICAL AND CHEMICAL PROPERTIES			
Densité (D_{4}^{20}) / Density (D_{4}^{20})	0,485 - 0,515	0.500	Interne / Internal
Indice de réfraction nD_{20} / Refractive index nD_{20}	NC	NC	Interne / Internal
Quantité d'alcool (V/V) / Alcohol content (V/V)	NC	NC	Interne / Internal
Solubilité / Solubility	Partiellement soluble dans l'eau / Partially soluble in water	Conforme / Conform	Interne / Internal
STOCKAGE ET STABILITE STORAGE AND STABILITY			
Durée de vie (mois) / Shelf life (months)	18	05/2025	

LOT CONFORME / BATCH CONFORM

Florian TETARD



COVITAS
可维康

HEILONGJIANG NHU BIOTECHNOLOGY CO.,LTD.

ok
3.4.23
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Certificate of Analysis

Contract No :89443

Container No: OOLU9742137

Invoice No: 206373

Report No: SPCA01_20230047

Production Name	Sodium Ascorbate	Production Code	SPCA01
Batch No	1123022034	Manufacture Date	2023-02-15
Quantity	7000kg	Analysis Date	2023-02-18
Foundation	BP/USP/EP11.0/FCC/E301	Expiry Date	2025-02-14

Results of Analysis:

Items	Standards	Results
Appearance	White or yellowish, crystalline powder or crystals	Qualified
Identification	Specific optical rotation Positive Reaction	Qualified
Specific Optical Rotation	+103° - +108°	+105°
pH(with 10% water solution)	7.0-8.0	7.4
Impurity E*	≤0.2%	Conform
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY6	<BY6
Assay (C ₆ H ₇ NaO ₆)	99.0%-101.0%	99.8%
Loss of Drying	≤0.25%	0.052%
Impurities C,D*	≤0.15%	Conform
Unspecified impurities(each impurity)*	≤0.1%	Conform
Sum of impurities other than C and D*	≤0.2%	Conform
Sulfates*	≤150.0 mg/kg	Conform
Iron**	≤2.0 mg/kg	Conform
Copper**	≤5.0 mg/kg	Conform
Lead**	≤0.5 mg/kg	Conform
Arsenic**	≤1.0 mg/kg	Conform
Nickel**	≤1.0 mg/kg	Conform
Cadmium(Cd) **	≤0.5 mg/kg	Conform
Mercury**	≤0.1 mg/kg	Conform
Residual Solvents*	≤3000 mg/kg	Conform
Total Plate Counts*	≤1000 cfu/g	Conform
Yeasts and Moulds*	≤100 cfu/g	Conform
Escherichia coli*	Negative in 10g	Conform
Salmonella*	Negative in 25g	Conform
Staphylococcus Aureus*	Negative in 25g	Conform

*Test once every three months.

**Test once every six months.

Reporter: 王爽

Reviewer: 王树杰



Approver: 郑乐友

QC Manager: Leyou Zheng