

CERTIFICATE OF ANALYSIS HYDROLYZED COLLAGEN

Product: COLLAGENE MARIN F 2000 DALTON	Date : 15 May 2024
Batch: 3693676	Customer: LIFE'S CODE
Production date: May 2024	
Best Before date: May 2029	

This product meets the requirements of the European Régulations (EC) N°853/2004 and N°2073/2005 and ail latest modifications.

This product meets the requirements of the European Régulation (EC) n°629/2008 on contaminants (dietary suppléments) and ail latest modifications.

PARAMETERS	METHODS	UNITS	SPECIFICATIONS	VALUES
Physico-chemical properties				
Molecular Weight (Mw) (*)	Ext La b	Da	2000	COMPLIANT
Protein content (*)	Ext La b	%	> 90	COMPLIANT
Viscosity (20%, 25°C)	W-ANGL-FR-10149	mPa-s	2.0 - 4.0	3.7
PH	W-ANGL-FR-10097		5.0 - 6.5	6.4
Loss on drying	W-ANGL-FR-10147	%	< 10.0	6.3
Residue on ignition	W-ANGL-FR-10092	%	< 2.0	1.2
Color	W-ANGL-FR-10100		< 2.50	1.25
Turbidity	W-ANGL-FR-10101	NTU	< 10.0	6.1
Below 1000 pm (mesh #18) (*)	W-ANGL-FR-10170		> 95	> 95
Below 75 pm (mesh #200) (*)	W-ANGL-FR-10170		< 10	< 10
Density	W-ANGL-FR-10172	g/cm ³	0.25 - 0.39	0.38
Sulfites (SO ₂) (*)	Ext La b	mg/kg	< 10	< 10
Peroxides	W-ANGL-FR-10681	mg/kg	< 10	< 10
Heavy Metals				
Arsenic (As) (*)	Ext La b	mg/kg	< 1.0	< 1.0
Cadmium (Cd) (*)	Ext La b	mg/kg	< 0.5	< 0.5
Chromium (Cr) (*)	Ext Lab	mg/kg	< 10	< 10
Copper(Cu) (*)	Ext Lab	mg/kg	< 30	< 30
Mercury (Hg) (*)	Ext Lab	mg/kg	< 0.10	< 0.10
Lead (Pb) (*)	Ext Lab	mg/kg	< 3.0	< 3.0
Zinc (Zn) (*)	Ext Lab	mg/kg	< 50	< 50
Microbiological properties				
Total Aérobie Microbial Count	W-ANGL-FR-10039	cfu/g	< 1000	< 1000
Escherichia coli	W-ANGL-FR-10059	10g	Absent	Absent
Salmonella	W-ANGL-FR-10042	25g	Absent	Absent
Anaérobie sulfite-reducing spores	W-ANGL-FR-10044	cfu/g	< 10	< 10

(*) Part of monitoring plan.

Quality validation	DocuSigned by: <i>Delphine Lechartre</i> C5F7599BF1D94B1...
15 mai 2024	