

CERTIFICATE OF ANALYSIS
HYDROLYZED COLLAGEN

Product:	PEPTAN® Marine 5000 LD MSC	Date :	18 March 2022
Batch:	3142214	Customer:	Herve Coldstore N.V.
Production date:	March 2022	Order:	22000608
Best Before date:	March 2027		

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

This product meets the requirements of the European Regulation (EC) n°629/2008 on contaminants (dietary supplements) and all latest modifications.

PARAMETERS	METHODS	UNITS	SPECIFICATIONS	VALUES
Physico-chemical properties				
Molecular Weight (Mw) (*)	Ext Lab	Da	5000	COMPLIANT
Protein content (*)	Ext Lab	%	≥ 90	COMPLIANT
Viscosity (20%, 25°C)	W-ANGL-FR-10149	mPa·s	5.5 - 7.5	6.1
pH	W-ANGL-FR-10097		5.0 - 7.0	6.4
Loss on drying	W-ANGL-FR-10147	%	≤ 10.0	7.0
Residue on ignition	W-ANGL-FR-10092	%	≤ 2.0	0.6
Color	W-ANGL-FR-10100		≤ 2.50	1.25
Turbidity	W-ANGL-FR-10101	NTU	≤ 10.0	8.2
Below 1000 µm (mesh #18) (*)	W-ANGL-FR-10170		≥ 95	≥ 95
Below 75 µm (mesh #200) (*)	W-ANGL-FR-10170		≤ 10	≤ 10
Density	W-ANGL-FR-10172	g/cm³	0.25 - 0.39	0.36
Sulfites (SO ₂) (*)	Ext Lab	mg/kg	≤ 10	≤ 10
Peroxides	W-ANGL-FR-10681	mg/kg	≤ 10	≤ 10
Heavy Metals				
Arsenic (As) (*)	Ext Lab	mg/kg	≤ 1.0	≤ 1.0
Cadmium (Cd) (*)	Ext Lab	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 Aerobic 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
Anaerobic sulfite-reducing spores	W-ANGL-FR-10044	cfu/g	≤ 10	≤ 10

(*) Part of monitoring plan.

Quality validation

18 mars 2022

DocuSigned by:

 CSF7596DF106891...

Ingrizo NV

Polderdreef 135

5840 De Pinte

Tel.: +32 9 224 20 25

contact@ingrizo.com

Page 1/1

PLANT: Rousselot Angoulême S.A.S.
 Rue de Saint-Michel à Angoulême - 16000 Angoulême - France
 Tel: +33 (0)5 45 64 22 22. Fax: +33 (0)5 45 64 22 23

Headquarters: Rousselot BV
 Kanaaldijk Noord 20-21, 5891 NM SON, The Netherlands. Tel: +31 499 364100. Fax: +31 499 373873. www.rousselot.com