

CERTIFICATE OF ANALYSIS
HYDROLYZED COLLAGEN

Product:	PEPTAN® B 2000 LD	Date :	26 May 2025
Batch:	3947818	Customer:	Firmalis
Production date:	May 2025		
Best Before date:	May 2030		

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 (EU) 2023/915 on contaminants (food supplements) and all latest modifications.

PARAMETERS	METHODS	UNITS	SPECIFICATIONS	VALUES
Physico-chemical properties				
Molecular Weight (Mw) (*)	Ext Lab	Da	2000	COMPLIANT
Protein content (*)	Ext Lab	%	≥ 90	COMPLIANT
Viscosity (20%, 25°C)	W-ANGL-FR-10149	mPa.s	2.0 - 4.0	3.7
pH (20%, 25°C)	W-ANGL-FR-10097	-	5.5 - 7.5	6.7
Loss on drying	W-ANGL-FR-10147	%	≤ 10.0	7.2
Residue on ignition	W-ANGL-FR-10092	%	≤ 2.0	0.7
Transmittance 450 nm (20%)	W-ANGL-FR-10129	%	≥ 50.0	53.1
Transmittance 620 nm (20%)	W-ANGL-FR-10129	%	≥ 88.0	89.8
Density	W-ANGL-FR-10172	g/cm³	0.25 - 0.39	0.38
Sulfites (SO2) (*)	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

26 mai 2025

DocuSigned by:

Delphine Lechartre

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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, 5691 NM SON, The Netherlands. Tel: +31 499 364100. Fax: +31 499 373873. www.rousselot.com