

ANALYSIS CERTIFICATE

COLLAGEN - I'PERFORMANT: ZERO BLOOM - Kg 2010 - Lot N° 191246

COLLAGEN FOUR HUMAN CONSUMPTION
Production date: 06/11/2019 - BBE: 30/11/2024

TYPE 3

Criteria	Value	Test Method
Origin	Calf Skin	-
Granulation	50 Mesh	ASTM Sieves
Protein content	> 91 %	Kjeldhal
Viscosity	1,67 mPa.s	GME
pH	5,74	GME
Clarity	10 NTU	Nephelometry (6,67%)
SO ₂	< 10 ppm	GME
Peroxides	0 ppm	GME
Moisture	5,63 %	GME USP
Ash	036 %	GME
As*	< 0,2 ppm	ICP-MS
Hg*	< 0,1 ppm	ICP-MS
Pb*	< 1 ppm	ICP-MS
Cd*	< 0,1 ppm	ICP-MS
Cr*	< 2 ppm	ICP-MS
Fe*	< 30 ppm	ICP-MS
Zn*	< 5 ppm	ICP-MS
Cu*	< 5 ppm	ICP-MS
Molecular mass	2000 dalton	GPC
Total count	< 1000 ufcg	GME
E.Coli	0 ufc/10g	GME
Clostridium Sulphite-reducing	0 ufc/g	GME/ISO 15213:2003
Yeasts & Moulds	< 100 ufcg	Sabouraud-glucose agar
Coliforms*	Absent/g	ISO 4832:2006
Salmonella**	0 ufc/25g	GME/ISO 6579:2017

* Maximum values obtained from regular analysis made during the last 24 months.

** Result obtained from analysis of one day finished product average sample

Parameters that are not expressly mentioned in this certificate of analysis comply with the specifications on the product data sheet.