

Špecifikácia

Product	: Bovine Collagen Peptides (Granular/Agglomerated)
Quality	: In-House standard (Food/Nutraceutical grade)
Declaration	: Hydrolyzed collagen, Collagen peptides, Beef collagen
Country of Origin	: EU – Beef skin
Shelf life	: 5 years
Product code	: A1353_GR

Items	Specifications
Standard specification:	
Characteristics	Odorless, tasteless, white to off-white powder
Average molecular weight	3000 Da
Particle size	Agglomerated
Loss on drying	≤ 10%
Clarity	≤ 10% NTU
Bulk density	0.30 – 0.4 g/cm ³
Viscosity (20%,25°C)	3.5 – 5.0 mPa.s
*Nutrition (typical values):	
Protein content (dry substance)	≥ 97%
Protein as is	≥ 91%
Dry substance (105°C, 16h)	91 – 96%
Fat	≤ 1%
Moisture	< 8%
Carbohydrates	0%
Ash	≤ 2%
Sodium	300 mg/kg
Converted to salt	0.75 g/kg
pH	5.0 – 7.0
Energy	1530kJ / 366kcal
*Heavy metals (typical values):	
Lead (Pb)	≤ 1.5 ppm
Arsenic (As)	≤ 0.8 ppm
Cadmium (Cd)	≤ 0.5 ppm
Mercury (Hg)	≤ 0.1 ppm
Chromium (Cr)	≤ 2 ppm
Copper (Cu)	≤ 5 ppm
Zinc (Zn)	≤ 10 ppm
SO ₂	≤ 10 ppm
H ₂ O ₂	≤ 10 ppm
*Microbiology (typical values):	
Total plate count	< 1000 cfu/g
Mould & yeast	< 100 cfu/g
Salmonella	Absent/25g
E.Coli	Absent/10g



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*Amino acid profile	Typical analysis 100g product
Alanine	9.5
Arginine	8.5
Aspartic acid	6.0
Cystine + cysteine	0.1
Glutamic acid	10.4
Glycine	25.2
Histidine	0.8
Hydroxyproline	12.1
Isoleucine	1.6
Leucine	3.2
Lysine	3.9
Methionine	0.9
Phenylalanine	2.2
Proline	13.9
Serine	3.6
Threonine	2.0
Tryptophan	0.03
Tyrosine	1.0
Valine	2.5

**tested randomly (frequency of testing schedule on request)*

Storage : Store in unopened bags dry and at ambient temperature.

Statements : The product is Non-GMO.



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