

DATA SHEET

COLLInstant® Collagen Hydrolysate

- Description:** Collagen peptides of bovine origin with neutral taste and odor. The product is in compliance with regulation (EC) 852/2004 on the hygiene of foodstuffs and with regulation (EC) 853/2004, which regulates the production of food from animal-derived material.
- Appearance:** Light yellow, agglomerated powder
- Solubility:** Very soluble in cold and warm water

Chemical and Physical Data

Test	Value	Test Method
Protein content of dry substances	92-95%	Kjeldahl
Dry substances (103°C, 16h)	90-96%	ASU
Ash (550°C)	<2.0%	BVL
pH (20%, room temperature)	5.0-6.4	Potentiometer
Apparent density	300-500 g/L	DIN ISO 697 / EN ISO 60
Average particle size	230-320 µm	Dry dispersion – Laser beamer

Microbiological Data

Test	Value	Test Method
Total aerobic microbiological count	<1000 CFU/g	DIN EN ISO 4833-1
Total yeast/mold count	<10 CFU/g	ASU L 01.00-37
Sulfite resistant anaerobic spores	<10 CFU/g	ISO 15213
Enterobacteria	<10 CFU/g	DIN ISO 21528-2
Salmonella	Negative/25g	DIN EN ISO 6579
Listeria monocytogenes	Negative/25g	DIN EN ISO 11290-1

Shelf Life

At room temperature under dry and odorless conditions COLLInstant® can be stored for 5 years without loss of quality.

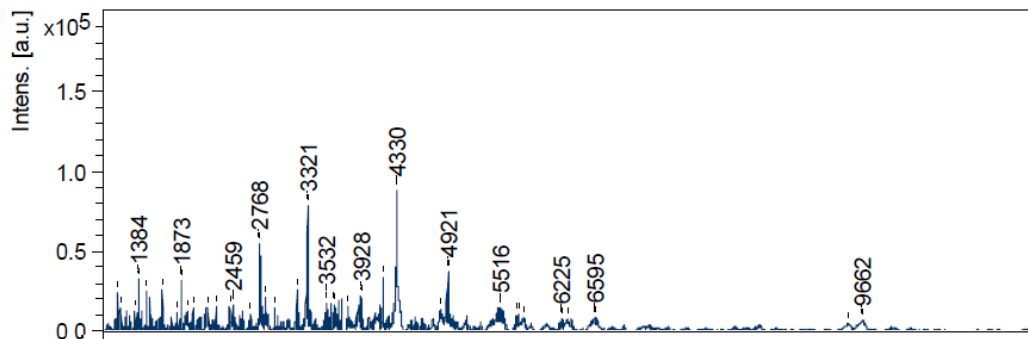
Packaging

COLLInstant® is available in 20 kg bags.

Aminoacid Composition Example

Aminoacid	Mol %
Hydroxyproline	8,1
Aspartic acid	2,2
Serine	3,3
Glutamic Acid	8,1
Glycine	31,9
Histidine	0,5
Arginine	5,9
Threonine	2,0
Alanine	11,5
Proline	13,5
Tyrosine	0,3
Hydroxylysine	1,8
Valine	2,3
Methoinine	0,9
Lysine	3,3
Isoleucine	1,1
Leucine	2,4
Phenylalanine	1,1

Molecular Distribution Example



Particle Size Distribution Example

