

ADVANCED PEPTIDE SOLUTIONS (Collagen)

ITALGELATINE®

SIMPLY OTHER SOLUTIONS

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Advanced Peptide Solutions (Collagene).

Collagen is the protein that is majorly present in man and animals. It carries out a fundamental function in **protecting and makes organs and tissues function**. It conveys strength to bones, mobility to articulations, elasticity and brightness to skin giving also lucidity and beauty to hair and nails.

Hydrolysed collagen is requested more and more by the market every day, created thanks to a protease process by which specific enzymes are introduced which interrupt the protein chain allowing the peptide to go through the intestinal walls and thus enter the blood flow.

Its use is multiple, going from pharmaceutical and food sectors to that of nutraceutical and cosmetics industries.

Italgelatine boasts a production department entirely dedicated to hydrolysed collagen and is therefore able to provide a complete range of **personalised products** on the basis of specific needs. Italgelatine produces bovine and porcine collagen matrix as well as fish collagen matrix.

All our hydrolysed collagen products are manufactured using accurately selected raw materials and can be requested with the following origin:

- Pig
- Calf (*halal and kosher*)
- Fish (*kosher*)

Italgelatine's hydrolysed collagen can be supplied in both granulate form or without granulation allowing an increased flexibility in use.

Gelatine Solutions	1
Advanced Instant Solutions	3
Advanced Wine Solutions	4

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The ultimate for human consumption (Highly digestible)

<i>Appearance</i>	<i>Colour</i>	<i>Taste</i>	<i>Odour</i>
Powder	White to off white	Absent	Absent
<i>Molecular weight</i>			
LMW: 1000 - 3000 Da	MMW: 3000 - 5000 Da	HMW: 5000 - 10000 Da	

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Ideal for cosmetic and beauty solutions

<i>Appearance</i>	<i>Colour</i>	<i>Taste</i>	<i>Odour</i>
Powder	White	Neutral	Absent
<i>Molecular weight</i>			
LMW: 1000 - 3000 Da	MMW: 3000 - 5000 Da	HMW: 5000 - 10000 Da	

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<i>colour</i>	● ●	● ● ●
<i>taste</i>	● ● ●	● ●
<i>smell</i>	● ● ●	● ● ●



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