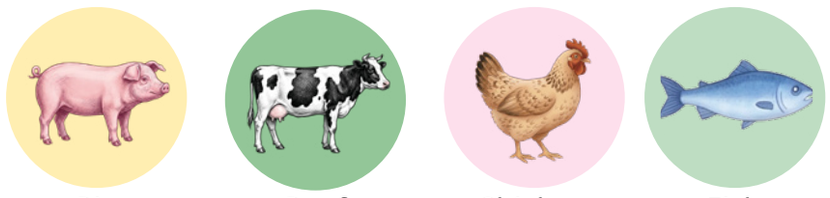
How Collagen Peptides Are Made

1.



Starting Material:

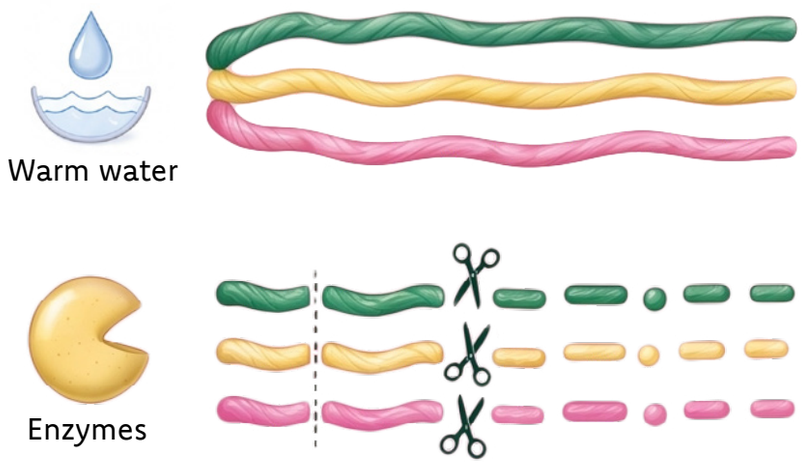
The process begins with collagen-rich raw materials (e.g. skin or bones) from animal or marine sources.

2.

Collagen:

Collagen in its natural form looks like a twisted triple rope made of three long amino acid chains.

3.



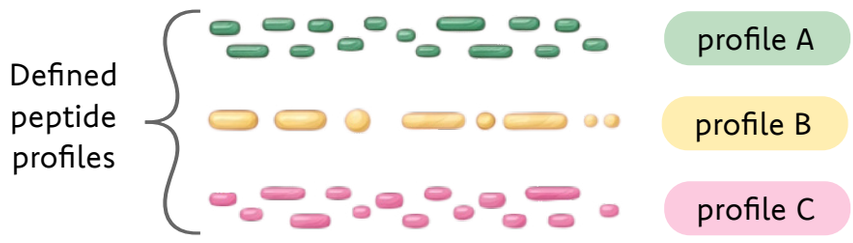
A | Gentle Separation:

This structure is gently opened by warm water and the strands are separated.

B | Precise Cutting:

Enzymes act like precise scissors, cutting the strands into smaller peptide pieces.

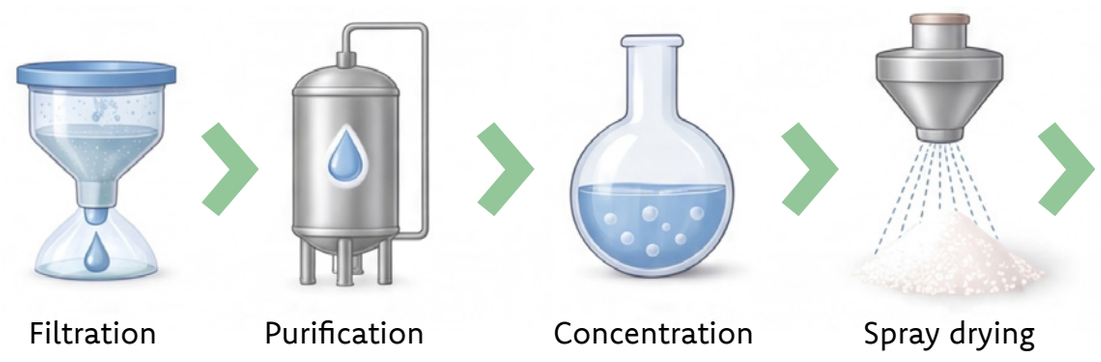
4.



Peptide Profiles:

By controlling this process, specific peptide profiles can be created for different functional applications.

5.



Purification and Drying:

The peptides are then purified, dried into a fine powder, and sterilized.

» Depending on the application format of the end product they come in agglomerated or non-agglomerated form.

6.

Finished Collagen Peptides:

The result is a high-quality soluble collagen peptides powder for several applications.

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