

FROZEN DIETARY SUPPLEMENTS

Abstract

NatCell® dietary supplements liquid extracts contain tissue specific cell signaling factors composed of proteins and peptides.

Manufactured and purified at low temperature using a specific, patented fractionation process, they are kept frozen until use in order to preserve the structure and properties of the proteins.

The porcine NatCell® cell signaling factors line includes: Adrenals, CNS, Liver, Mesenchyme, Pancreas and Thymus.

Use: NatCell® products may be suitable dietary supplements for those who wish:

NatCell® *Adrenals*

May help support healthy adrenal functions.*

NatCell® *CNS*

May help maintain healthy nervous system functions.*

NatCell® *Liver*

May help to maintain healthy liver functions.*

NatCell® *Mesenchyme*

May help to maintain healthy cellular respiration and function.*

NatCell® *Pancreas*

May help to maintain normal functions of the pancreas.*

NatCell® *Thymus*

May help to maintain healthy immune functions.*

Reference

- 1 - J Pharm Pharmaceut Sci
(www.ualberta.ca/~csp) 1(1):15-30, 1998
- Curr Pharm Biotechnol. 2001 Jun;2(2):175-86.
- Journal of Controlled Release, Vol. 76 (3) (2001)
pp. 363-374

Features and Benefits:

- Manufactured according to the requirements of GMP standards for food.
- Flash frozen and kept frozen until its use in order to preserve the structure and properties of the proteins.
- 100% pure and natural, no preservatives or artificial ingredients are added.
- Available in formats of 8 vials of 7 ml each.
- Aseptic according to USP XXIII standards.
- Each extract is composed of low molecular weight peptides (less than 50 kDa) providing a better absorption through the oral mucosa¹.

Patented Molecular Extraction Process:

NatCell® dietary supplements are manufactured according to a patented biotechnological process. The key steps include:

- an hypotonic shock method to extract the active components from the cells;
- the removal of fibrous (non desirable) molecules;
- a molecular fractionation process to select and concentrate the active molecules.

These steps do not involve the use of any denaturing agents or enzymes. The ultrafiltration step is performed to select the desired molecular weight range.

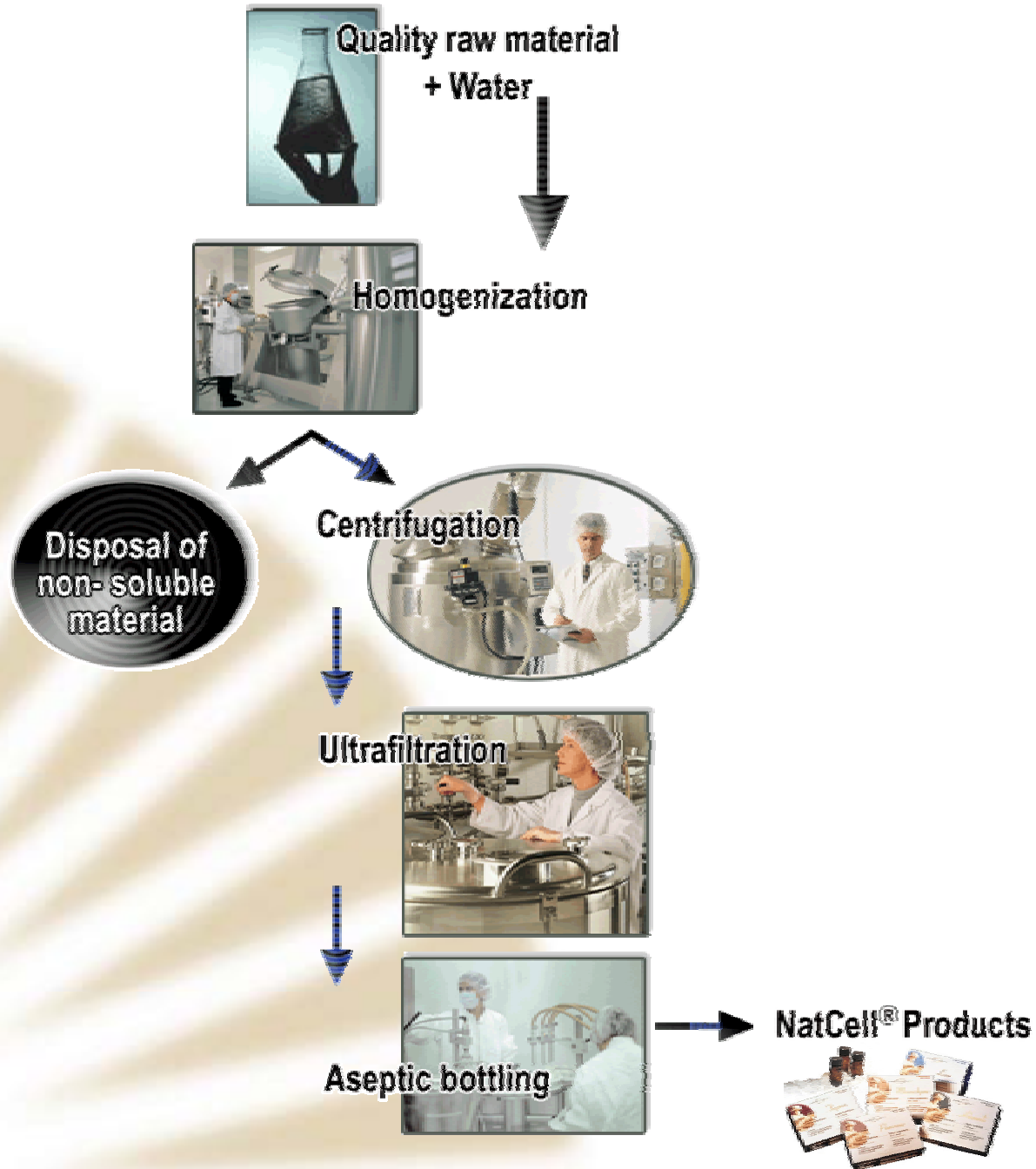
The final filtration, done through a 0.2 µm microporous filter, leads to aseptic filling of 7 ml bottle. The final products are pure, exempt of any preservative.

For more information:

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MANUFACTURING KEY STEPS



*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.