

Yeast Extract SC-B

Description

Yeast Extract SC-B is a deodorized, highly concentrated extract from *saccharomyces cerevisiae* (baker's yeast). A patented extraction method produces an extract both with familiar components of yeast and low molecular weight peptides, nucleotides, and nucleosides as a result of gentle processing. This extract activates the metabolism of cells, e.g. the respiratory oxygen consumption in cells mitochondria and consequently increases the production of intracellular adenosine triphosphate which constitutes the biochemical energy or 'fuel' for a large number of vital cell functions. Such as cell division, synthesis of proteins and cell locomotion.



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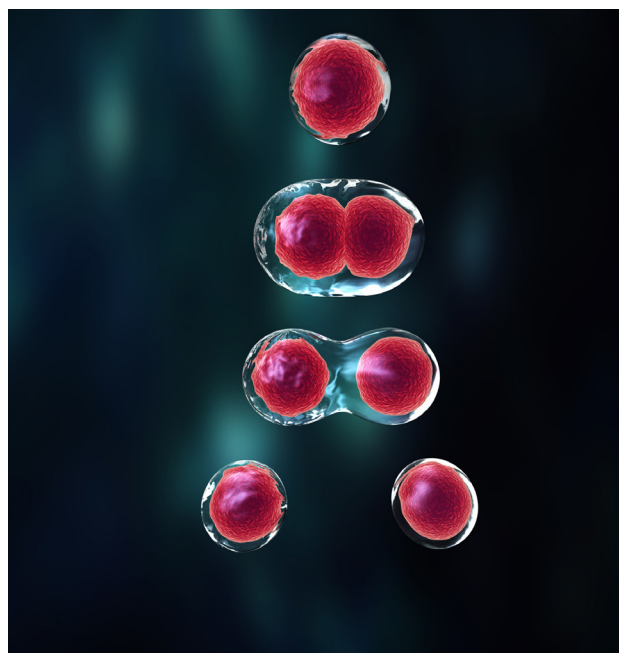
Since radicals are known as one of the major cause for aging, Yeast Extract SC-B contains a number of radical scavengers and quenchers, which exhibit special protection against radicals in the aqueous part of the tissue and the cells.

Appearance

nearly clear, brownish solution with a typical smell

INCI

Faex Extract



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Cell Division

Registration

CAS-No.....8013-01-2

EINECS-No.....232-387-9

Preservatives

| | |
|-------------------------|---------|
| Phenoxyethanol..... | 0.230 % |
| Methylparaben | 0.051 % |
| Ethylparaben | 0.026 % |
| Propylparaben..... | 0.013 % |
| Dehydroacetic acid..... | 0.240 % |
| Potassium sorbate | 0.080 % |

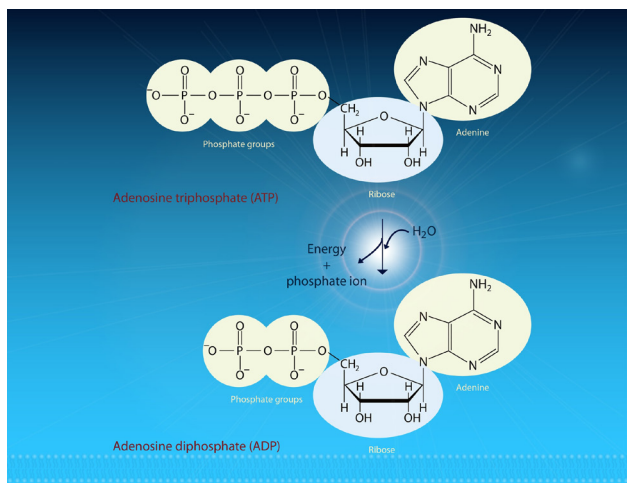
Stabilizers

Propylenglycol.....19.94 %

Yeast Extract SC-B

Efficacy

- scavenger of oxygen radicals and hydroxyl radicals
- increases the metabolism of the cells
- enhances the water retention capacity



Characteristics

| | |
|----------------------------------|------------------|
| water content (cell liquid)..... | 65.00 - 69.00 % |
| pH-value..... | 5.50 - 6.50 |
| total nitrogen..... | >= 0.58 % |
| dry residue..... | 14.00 - 18.00 % |
| density..... | 1.04 - 1.08 g/ml |
| ash..... | 2.00 - 3.00 % |

Incorporation

Yeast Extract SC-B is suitable for use in high quality cosmetic products like face creams, face masks, ampoules and hair care products. It should be blended into the water phase at max. 50°C.

Application concentration

| | |
|------------------------|-------------|
| skin care..... | 2.0 - 4.0 % |
| scalp / hair care..... | 2.0 - 3.0 % |

Toxicology

These toxicological datas are based on results of Yeast-Extract SC (stabilized with different preservative system).

- Clinical-Allergological test, Human Patch Test: Undiluted Yeast-Extract SC was tested in a preclinical clearance study. According to the results, there is no objection in the application of Yeast-Extract SC to humans

Storage & Shelf life

Yeast Extract SC-B should be stored in a dry and light protected place between 10°C - 25°C. In closed original containers the shelf life is five years.

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