

Title (en)

PROCESS FOR THE RECOVERY OF CRYSTALLINE -g(b)-CAROTENE FROM A NATURAL SOURCE

Title (de)

VERFAHREN ZUR GEWINNUNG VON BETA-CAROTEN AUS EINEM NATURSTOFF

Title (fr)

PROCEDE DE RECUPERATION DE -g(b)-CAROTENE CRISTALLIN A PARTIR D'UNE SOURCE NATURELLE

Publication

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Application

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Abstract (en)

[origin: WO9803480A1] The present invention describes a process to recover highly pure beta -carotene crystals from a crude crystal preparation obtained from a natural source. To remove impurities, the crude crystals are stirred in a solvent in which beta -carotene has a low solubility, whereupon the crystals are filtered off and washed with fresh solvent. Using the process of the invention, a natural crystalline beta -carotene preparation with a very high purity is obtained, a purity comparable to that of synthetic beta -carotene.

[origin: WO9803480A1] The present invention describes a process to recover highly pure beta -carotene crystals from a crude crystal preparation obtained from a natural source. To remove impurities, the crude crystals are stirred in a solvent in which beta -carotene has a low solubility, whereupon the crystals are filtered off and washed with fresh solvent. Using the process of the invention, a natural crystalline beta -carotene preparation with a very high purity is obtained, a purity comparable to that of synthetic beta -carotene.

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