

NIA



Green Bean Coffee

substance which can

D2 supercritical fluid ex-
low grade of organic

high amount of chloro-
analysis.

le organic green bean
nation product, face treat-

Application

Use daily after face cleansing.



Recent Award:

- The woman inventor 2016, Romania
- Special award 2016, Moldova
- Semi-grand award 5th World inventors association
- Etc.



GARLICO

INNOVATIVE GARLIC EXTRACT FROM
NON CHEMICAL PROCESS AND NON-SOLVENT EXTRACTION

INNOVATION TECHNOLOGY:
The extraction processes perform in vacuum condition and low temperature to keep active substances, especially alliin and essential oil. Fig. 1 showed the hypothesis of extraction. With innovative extraction process can remain all natural physical properties such as color, odor, and flavor of garlic extract without adding some synthetic substances. GARLICO is easy to digest, absorb and use vital nutrients. Require only 5-10 minutes for absorb and show the results. The benefit of GARLICO can reduce fatty deposits in arteries and prevent the atherosclerosis (Fig. 2).

INNOVATION PRODUCT: GARLIC to GARLICO
Garlic has vital chemical compound called alliin. Alliin is produced upon tissue damage from alliin in a reaction (1) when garlic is chopped or grinded, allinase will convert alliin into alliin.

HEALTH BENEFITS OF GARLICO

- INCREASE HDL CHOLESTEROL, LOWER LDL CHOLESTEROL
- REDUCE FATTY DEPOSITS IN ARTERIES
- PREVENT OF ATHEROSCLEROSIS
- PREVENT HEART DISEASE
- PREVENT STROKE
- REDUCE BLOOD PRESSURE
- REDUCE FAT ACCUMULATION IN LIVER
- IMPROVE METABOLISM AND REDUCE FAT ACCUMULATION

SATISFACTION FROM VOLUNTEERING:

- 1. Fewer headaches, sleep easier
- 2. Exhaustion during the day decreased
- 3. Lower fat and triglycerides
- 4. Reduce morning dizziness
- 5. Lower blood pressure from 147-96-87 to 127-85-83

APPLICATION:
This innovation technology can apply to produce the safety product from various medicinal plants for example: *Cucurbita longa*, *Piper nigrum*, *Andropogon paniculata*, *Sesamum indicum*.

ANALYSIS OF GARLICO TABLET:
Spectroscopic data of GARLICO: ¹H-NMR and FTIR of alliin extracted from GARLICO tablet were shown in Fig. 3 and 4. Analysis results of GARLICO tablet showed that *E. coli*, *Clostridium perfringens*, *Salmonella* spp., *Staphylococcus aureus* and heavy metal (arsenic and lead) were not detected. Moisture of tablet was 5.20 g/100g.

Fig. 1 Hypothesis of garlic extraction
Garlic is easy to digest, absorb and use vital nutrients.

Fig. 2 Reduced fatty deposits in arteries and prevent the atherosclerosis

Fig. 3 ¹H-NMR spectrum of alliin

Fig. 4 FTIR spectrum of alliin

Curcuma
Fah-Tai-Jone
Sesameal Black



EGGPLANT EXTRACT

: A FUNCTIONAL INGREDIENT FOR COSMECEUTICAL AND NUTRACEUTICAL PRODUCTS

Eggplant (*Solanum melongena* L.) is ranked amongst the top ten vegetables for its potential anti-oxidant activity. Antioxidants are the importance role in the prevention and scavenger in degenerative ailments i.e. cancer, autoimmune diabetes and delay the ageing process.

Specialized Extraction Process

EGGPLANT EXTRACT
Contain important substances including antioxidants and others which are a powerful functional ingredient for cosmeceutical and nutraceutical products.

Obtain the functional potential on nutraceutical and cosmeceutical products

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