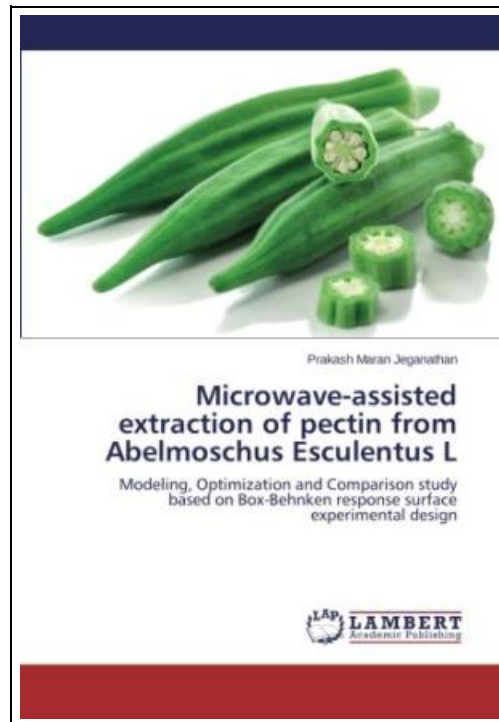


Microwave-assisted extraction of pectin from Abelmoschus Esculentus L



Filesize: 4.23 MB

Reviews

A must buy book if you need to adding benefit. I have read through and i also am certain that i will likely to read through once again yet again in the future. Its been designed in an exceedingly simple way and is particularly merely after i finished reading this publication by which really modified me, modify the way i think.

(Mrs. Jacquelyn Gutmann)

MICROWAVE-ASSISTED EXTRACTION OF PECTIN FROM ABELMOSCHUS ESCULENTUS L



To download **Microwave-assisted extraction of pectin from Abelmoschus Esculentus L** eBook, you should follow the link under and download the file or gain access to additional information which might be related to MICROWAVE-ASSISTED EXTRACTION OF PECTIN FROM ABELMOSCHUS ESCULENTUS L book.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Modeling, Optimization and Comparison study based on Box-Behnken response surface experimental design | Abelmoschus esculentus L, commonly known as okra, is one of Asian multipurpose vegetable. A few studies have reported the extraction of pectin from okra pod. In this work, microwave-assisted extraction was employed to extract the pectin from okra pod. To achieve high yield of pectin, the microwave assisted extraction process parameters-microwave power, pH, time and solid-liquid ratio were investigated and optimized by Box-Behnken response surface experimental design coupled with Derringer s desired function methodology and a second-order polynomial regression equation was developed from the observed data and the adequacy was checked by various descriptive statistics in order to predict the response. The significance of independent variables and their interactions were tested by analysis of variance (ANOVA) with 95% confidence limits ($\alpha = 0.05$). The prediction capability of the proposed model was verified by additional batch experiments conducted in the experimental range. To compare extracted pectin (at optimal condition) with commercial pectin, chemical composition, differential scanning calorimetric and Fourier transform infrared spectroscopy analysis was carried out in this work. | Format: Paperback | Language/Sprache: english | 68 pp.



[Read Microwave-assisted extraction of pectin from Abelmoschus Esculentus L Online](#)



[Download PDF Microwave-assisted extraction of pectin from Abelmoschus Esculentus L](#)



[Download ePub Microwave-assisted extraction of pectin from Abelmoschus Esculentus L](#)

See Also



[PDF] Violet Rose and the Surprise Party

Follow the link below to get "Violet Rose and the Surprise Party" PDF file.

[Download PDF](#)

»



[PDF] Would It Kill You to Stop Doing That?

Follow the link below to get "Would It Kill You to Stop Doing That?" PDF file.

[Download PDF](#)

»



[PDF] From Kristallnacht to Israel: A Holocaust Survivor s Journey

Follow the link below to get "From Kristallnacht to Israel: A Holocaust Survivor s Journey" PDF file.

[Download PDF](#)

»



[PDF] Dom's Dragon - Read it Yourself with Ladybird: Level 2

Follow the link below to get "Dom's Dragon - Read it Yourself with Ladybird: Level 2" PDF file.

[Download PDF](#)

»



[PDF] Peter Rabbit: Treehouse Rescue - Read it Yourself with Ladybird: Level 2

Follow the link below to get "Peter Rabbit: Treehouse Rescue - Read it Yourself with Ladybird: Level 2" PDF file.

[Download PDF](#)

»



[PDF] Peppa Pig: School Bus Trip - Read it Yourself with Ladybird

Follow the link below to get "Peppa Pig: School Bus Trip - Read it Yourself with Ladybird" PDF file.

[Download PDF](#)

»

**[PDF] DK Readers L2: Survivors: The Night the Titanic Sank**

Follow the web link below to read "DK Readers L2: Survivors: The Night the Titanic Sank" file.

[Read](#) [Document](#)

»

**[PDF] From Dare to Due Date**

Follow the web link below to read "From Dare to Due Date" file.

[Read](#) [Document](#)

»

**[PDF] Chicken Licken - Read it Yourself with Ladybird: Level 2**

Follow the web link below to read "Chicken Licken - Read it Yourself with Ladybird: Level 2" file.

[Read](#) [Document](#)

»

**[PDF] Any Child Can Write**

Follow the web link below to read "Any Child Can Write" file.

[Read](#) [Document](#)

»

**[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the web link below to read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

[Read](#) [Document](#)

»

**[PDF] Rumpelstiltskin - Read it Yourself with Ladybird: Level 2**

Follow the web link below to read "Rumpelstiltskin - Read it Yourself with Ladybird: Level 2" file.

[Read](#) [Document](#)

»