

Foodline®: SCIENCE

FILE DESCRIPTION

Foodline®: SCIENCE is a vital resource for anyone wanting to keep up-to-date with published information on food science and technology worldwide. All aspects of the food and drink industry are covered, including ingredients and process technology, microbiology, packaging, food chemistry, biotechnology, food safety and nutrition. A key strength of the database is its currency, key journals being abstracted and available online within two weeks of delivery.

SUBJECT COVERAGE

The database covers a wide range of topics, including:

- Basic Food Science
- Bakery and Cereal Products
- Beverages and Soft Drinks
- Chocolate and Confectionery Products
- Dairy Products
- Fats and Oils
- Food Additives and Ingredients
- Food Processing and Engineering
- Food Hygiene
- Food Microbiology
- Food Packaging
- Frozen, Chilled and Ambient Foods
- Fruits, Vegetables and Nuts
- Meat, Fish, Poultry and Game
- Nutrition
- Pet foods

SOURCES

More than 550 current periodicals are scanned extensively for Foodline: Science. More than 500 book and conference titles and approximately 4,000 separate chapter entries are added each year. In addition, standards, statutory instruments and technical reports are also included, as are European, US and Japanese patents.

TIPS

USE FILE 53

to find information in the basic food science, including ingredients and process technology, microbiology, packaging, food chemistry, biotechnology, food safety and nutrition.

USE /DE

to search for a subject:

SELECT SHELF LIFE/DE

USE THE ONLINE THESAURUS

to check and select Descriptor terms:

EXPAND (HEALTH)

USE SECTION HEADINGS

to search broad categories:

SELECT SH=CEREAL PRODUCT

USE RANK

to see what other terms could be used as descriptors:

SELECT FAT(W)SUBSTITUTE?/DE
RANK DE

DIALOG FILE DATA

Inclusive Dates: 1972 to the present

Update Frequency:

Twice weekly (Approximately 2,400 records added per month)

File Size: 530,034 records as of May 2004

CONTACT

Foodline: SCIENCE is produced by the Leatherhead Food Research Association. Questions concerning file content should be directed to:

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SAMPLE JOURNAL RECORD

DIALOG(R)File 53:FOODLINE(R): Science
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AA= 00690655 FOODLINE ACCESSION NUMBER: 381509
 /TI Protein isolation from tomato seed meal, extraction optimisation.
 AU= Liadakis G N; Tzia C; Oreopoulou V; Thomopoulos C D J.
 JN=, SO= Food Sci. 60 (3), 477-482 (46 ref.)
 PY= 1995
 LA= LANGUAGE: English
 DT= DOCUMENT TYPE: Journal article
 UP= FOODLINE UPDATE CODE: 19950823
 /AB ABSTRACT: Tomato seeds comprise a high proportion of tomato processing wastes. Their potential as a food source was investigated in this paper. Tomato seed oil is high in unsaturated fat, and the high lysine content of tomato seed protein may have use in supplementing proteins in cereal products. Tomato seeds do not contain antinutritional factors or other toxic compounds. Optimum conditions of temperature, pH, extraction time and water-solids ratio forextraction of protein from defatted tomato seed meal were determined. The protein content of the product was reported as 72.0%, representing a total protein yield of 43.6%.
 /SH, SH= SECTION HEADING: PROTEIN
 /DE DESCRIPTORS: BY PRODUCT; EXTRACTING; MEAL; NUTRITIONAL VALUE; SEED; TOMATO; YIELD

SAMPLE PATENT RECORD

DIALOG(R) File 53:FOODLINE(R): Science
(c) 1995 LFRA All rts reserv.

AA= 00353257 FOODLINE ACCESSION NUMBER: 380368
 /TI Production of multi-layer noodle.
 AU= Kurosawa Y
 PA=, CS= PATENT ASSIGNEE: Ajinomoto Co Inc
 PC=, PN= PATENT DATA: JP 6225717 A
 AD= PRIORITY APPLICATION DATE: 19930203
 /NT, LA= NOTES: Date of publication: 16.8.94 LANGUAGE: Japanese
 SL= SUMMARY LANGUAGE: English
 DT= DOCUMENT TYPE: Patent
 UP= FOODLINE UPDATE CODE: 19950811
 /AB ABSTRACT: The method of production described is for heat sterilised, boiled noodles that have a long shelf-life at ambient temperature. The intention is to prevent deterioration of the mouthfeel of these boiled noodles. The noodles consist of multi layers of dough; the inner layer contains transglutaminase, the outer layer contains no transglutaminase or a lower level of transglutaminase than the inner layer. These noodles can be retort-sterilised or heat-sterilised under acidic conditions.
 /SH, SH= SECTION HEADING: CEREAL PRODUCT
 /DE DESCRIPTORS: IMPROVING; LAYER; LONG; MOUTHFEEL; MULTI; NOODLE; PATENT; SHELF LIFE; STERILISED; TRANSGLUTAMINASE

SEARCH OPTIONS

BASIC INDEX

| SEARCH SUFFIX | DISPLAY CODE | FIELD NAME | INDEXING | SELECT EXAMPLES |
|---------------|--------------|------------------------------|------------------|---------------------------------------|
| — | — | All Basic Index Fields | Word | S DEFATTED(W)TOMATO |
| /AB | AB | Abstract | Word | S TOMATO(W)SEED(W)OIL/AB |
| /DE | DE | Descriptor ¹ | Word & Phrase | S SHELF(W)LIFE/DE S BY PRODUCTS/DE |
| /NT | NT | Notes | Word | S (SYMPOSIUM OR CONFERENCE)/NT |
| /SH | SH | Section Heading ² | Word | S CEREAL(W)PRODUCT/SH |
| /TI | TI | Title | Word | S TOMATO(W)SEED(W)MEAL/TI |

¹ Also /DF.

² Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

| SEARCH PREFIX | DISPLAY CODE | FIELD NAME | INDEXING | SELECT EXAMPLES |
|---------------|--------------|---|------------------|---|
| AA= | AA | Foodline Accession Number | Phrase | S AA=381509 |
| AC= | AC | Application Country | Phrase | S AC=JP |
| AD= | AD | Application Date | Phrase | S AD=19930203 S AD=930203 |
| AD= | PR | Priority Application Date | Phrase | S AD=19930203/PR |
| — | AN | DIALOG Accession Number | | |
| AU= | AU | Author | Phrase | S AU=LIADAKIS G N |
| BN= | BN | International Standard Book Number (ISBN) | Phrase | S BN=0-935315-63-2 S BN=0935315632 |
| CC= | CC | Classification | Phrase | S CC=665.335.2 |
| CP= | CP | Publication Place | Phrase | S CP=CHAMPAIGN |
| CS= | CS | Corporate Source | Word & Phrase | S CS=(INTERNATIONAL(W)DAIRY) S CS=INTERNATIONAL DAIRY? |
| DS= | DS | Designated States ³ | Phrase | S DS=FR |
| DT= | DT | Document Type | Phrase | S DT=PATENT |
| JN= | JN | Journal Name | Phrase | S JN=JOURNAL OF FOOD SCIENCE |
| LA= | LA | Language | Phrase | S LA=JAPANESE |
| PA= | PA | Patent Assignee | Word & Phrase | S PA=(AJINOMOTO(W)CO) S PA=AJINOMOTO CO? |
| PC= | PC | Patent Country | Phrase | S PC=JP |
| PD= | PD | Publication Date | Phrase | S PD=19950126 |
| PN= | PN | Patent Number ⁴ | Phrase | S PN=JP 6225717 |
| PU= | PU | Publisher | Word | S PU=(AOCS(W)PRESS) |
| PY= | PY | Publication Year | Phrase | S PY=1995 |
| — | RF | Cross References and Number of References | | |
| SE= | SE | Series Name/Number | Word | S SE=(FOOD(W)FOCUS) |
| SH= | SH | Section Heading ² | Phrase | S SH=CEREAL PRODUCT |
| SL= | SL | Summary Language | Phrase | S SL=ENGLISH |
| SN= | SN | International Standard Serial Number (ISSN) | Phrase | S SN=0007-4861 S SN=00074861 |
| SO= | SO | Source Information ⁵ | Word | S SO=(FOOD(W)SCI) |
| UD= | UD | Update | Phrase | S UD=9999 |
| UP= | UP | Foodline Update Code ⁶ | Phrase | S UP=19950823 |

³ Designated States for EP (European Patent Office) patents may say "See Published Patent Document For Designated Contracting States". WO (PCT or World Intellectual Property Organization) patents will usually say "See Published Patent Document for Designated Contracting States".

⁴ Some patent numbers may not be in standard Dialog patent number format for MAPping information.

⁵ Source Information may include journal name, publication date, volume, pagination, number of references, conference information, and publisher. Patent data displays with the SO display code.

⁶ Date record entered into database producer's database.

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Foodline®: SCIENCE

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP DUP, HELP CURRENT online.

| | | |
|----------------|---|---|
| LIMIT | / -- DIALOG Accession Number /ENG -- English Language /NONENG -- Non-English Language /NPT -- Non-Patent Records /PAT -- Patent Record /YYYY -- Publication Year | S S3/0010000-99999999 S S5/ENG S S4/NONENG S S1/NPT S S1/PAT S S2/1993 |
| SORT | AU, CS, JN, PA, PD, PN, PY, TI | SORT S1/ALL/AU SORT S3/ALL/PY/D |
| RANK | All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE | RANK DE RANK AU S4 |
| MAP | PN | MAP PN TEMP S3 |
| RD, ID | Remove duplicates (RD) or identify duplicates (ID,IDO). | RD S5 |
| CURRENT | Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years. | B 53 CURRENT2 |

PREDEFINED FORMAT OPTIONS

| NO. | DIALOGWEB FORMAT | RECORD CONTENT |
|-----|------------------|---|
| 1 | -- | DIALOG Accession Number |
| 2 | -- | Bibliographic Citation and Indexing |
| 3 | Medium | Bibliographic Citation |
| 4 | -- | Full Record with Tagged Fields |
| 5 | -- | Full Record |
| 6 | Short | Title and Publication Year |
| 7 | Long | Bibliographic Citation and Abstract |
| 8 | Free | Title, Indexing, and Publication Year |
| 9 | Full | Full Record |
| K | -- | KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats |

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

| | | |
|-----------------------------|---|---|
| USER DEFINED FORMATS | Display codes listed in the Search Options tables can be used to customize output. | TYPE S3/TI,AU/15 PRINT S2/TI,AB/ALL DISPLAY S1/AU,TI,PN/ALL |
| TAG | Output can be displayed with tags identifying each display field. | TYPE S3/5/1-10 TAG PRINT S2/9/ALL TAG |
| DIRECT RECORD ACCESS | If the accession number of a specific record is known, it can be used to display the record directly. | TYPE 00100005/5 DISPLAY 0074483/TI,AU PRINT 50301964/9 |

FOR ONLINE HELP:

See HELP FIELDS 53 for searchable fields; HELP FORMAT 53 for output formats; HELP LIMIT 53 for limits; HELP RATES 53 for cost information; HELP SORT 53 for sorts.