Foodline®: SCIENCE

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, quality control, packaging, food chemistry, toxicology, waste management, analysis and biotechnology. In addition, food safety and hygiene concerns, as well as nutrition and health related issues, are well-documented.

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 Hygiene
- Food Microbiology
- Food Packaging
- Food Processing and Engineering
- Frozen, Chilled and Ambient Foods
- Fruits, Vegetables and Nuts
- Meat, Fish, Poultry and Game
- Nutrition
- Pet Foods

Date Coverage
1972 - 2016

Update Frequency
Stopped updating April 2016; previously twice weekly

Geographic Coverage
International

Document Types
- Reports
- Books and Monographs
- Conferences, Symposia, Meetings
- Government Documents
- Journal Articles
- Patents
- Standards
- Annual Reports

Publisher
Foodline®: SCIENCE is provided by Leatherhead Food Research. Questions concerning the file content should be directed to:

Leatherhead Food Research
Randalls Road
Leatherhead, Surrey, KT22 7RY
UK

Telephone: +44 1372 376761
Fax: +44 1372 386228
E-Mail: japps@leatherheadfood.com
Effects of humectants on venison jerky.

**Abstract (summary)**
This study looked at the effects of glycerol and sorbitol on the physical characteristics and shelf life of Taiwanese venison jerky made from thigh muscles. The jerky with glycerol had a lower moisture and crude protein content, as well as a significantly lower water activity value. The shear force values of the control group were significantly higher than for those with glycerol or sorbitol. The use of glycerol or sorbitol increased TBARS values during storage and the mould counts after the storage period. It was concluded that the use of glycerol in jerky might improve overall acceptability.

**Subject**
- Proteins
- Acceptability
- Factors-affecting
- Glycerol
- Humectants
- Jerky
- Physical-properties
- Shelf-life
- Sorbitol
- Venison

**Title**
Effects of humectants on venison jerky.

**Author**
Chen W.-S., Lin Y.-K., Lee M.-R., Lin L.-C., Wan T.-C., Sakata, R

**Language**
German

**Language of summary**
German

**Document type**
Article

**Publication title**
*Fleischwirtschaft*

**Volume**
94

**Issue**
1

**Pagination**
102-106

**Publication type**
Scholarly Journals

**Number of references**
20

**Publication date**
2014

**Source details**
*Fleischwirtschaft*; 94 (1), 102-106 (20 ref.)

**Date created**
2014-02-19

**Source attribution**
Foodline Science, © Publisher specific

**Accession number**
0000879090

**Document URL**
http://search.proquest.com/professional/docview/15001959257?accountid=137296

**First available**
2014-02-20

**Updates**
2014-02-20

**Database**
Foodline®: SCIENCE (1972 - current)

**Section**
PROTEINS
**SEARCH FIELDS**

You can use field codes on the Basic Search, Advanced Search, and Command Line Search pages to limit searches to specific fields. The table below lists the field codes for this file.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Field Code</th>
<th>Example</th>
<th>Description and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>AB</td>
<td>ab(glycerol OR sorbitol)</td>
<td>Use adjacency and/or Boolean operators to narrow search results.</td>
</tr>
<tr>
<td>Abstract present</td>
<td>ABANY</td>
<td>&quot;venison jerky&quot; AND abany(yes)</td>
<td>Add: AND ABANY(YES) to a query to limit retrieval to records with abstracts.</td>
</tr>
<tr>
<td>All fields</td>
<td>ALL</td>
<td>all(&quot;crude protein content&quot;)</td>
<td>Searches all fields. Use adjacency and/or Boolean operators to narrow search results.</td>
</tr>
<tr>
<td>All fields + text</td>
<td>--</td>
<td>&quot;crude protein content&quot;</td>
<td>Same as ALL field code: searches all fields in bibliographic files.</td>
</tr>
<tr>
<td>Accession number</td>
<td>AN</td>
<td>an(0000879090)</td>
<td>A unique document identification number assigned by the information provider.</td>
</tr>
<tr>
<td>Author¹</td>
<td>AU</td>
<td>au(lee m)</td>
<td>Includes all authors.</td>
</tr>
<tr>
<td>First author</td>
<td>FAU</td>
<td>fau(&quot;chen w s&quot;)</td>
<td>First name listed in Author field. It is included in Author browse, but its position cannot be specified in the Author browse.</td>
</tr>
<tr>
<td>Date created</td>
<td>DCRE</td>
<td>dcre(2014-02-19)</td>
<td>Date the record was created by the database producer.</td>
</tr>
<tr>
<td>Document Title</td>
<td>TI</td>
<td>ti(&quot;Effects of humectants on venison jerky&quot;)</td>
<td>Includes Alternate Title and Subtitle, but not Publication Title (PUB).</td>
</tr>
<tr>
<td>Title only</td>
<td>TIO</td>
<td>tio(&quot;venison jerky&quot;)</td>
<td>Searches only the Title, not subtitle or alternate title.</td>
</tr>
<tr>
<td>Document type</td>
<td>DTYPE</td>
<td>dtype(article)</td>
<td></td>
</tr>
<tr>
<td>First available</td>
<td>FAV</td>
<td>fav(2014-02-20)</td>
<td>Indicates the first time a document was loaded in a specific database on PQD. It will not change regardless of how many times the record is subsequently reloaded, as long as the accession number does not change.</td>
</tr>
<tr>
<td>From database²</td>
<td>FDB</td>
<td>acaи AND fdb(FOODLINESCIENCES)</td>
<td>Useful in multi-file searches to isolate records from a single file. FDB cannot be searched on its own; specify at least one search term then AND it with FDB.</td>
</tr>
<tr>
<td>Inventor</td>
<td>INV</td>
<td>inv(&quot;smith h j&quot;)</td>
<td></td>
</tr>
<tr>
<td>Journal title</td>
<td>JN</td>
<td>jn(fleischwirtschaft)</td>
<td>Look-Up list available under Publication title.</td>
</tr>
<tr>
<td>Language</td>
<td>LA</td>
<td>la(german)</td>
<td>The language in which the document was originally published.</td>
</tr>
<tr>
<td>Language of abstract</td>
<td>SL</td>
<td>sl(german)</td>
<td></td>
</tr>
<tr>
<td>Number of references</td>
<td>NR</td>
<td>nr(20)</td>
<td></td>
</tr>
<tr>
<td>Number of references</td>
<td>NR</td>
<td>nr(&lt;20)</td>
<td></td>
</tr>
<tr>
<td>Page count</td>
<td>PCT</td>
<td>pct(344)</td>
<td>The start page is searchable on the Look Up Citation page.</td>
</tr>
<tr>
<td>Pagination</td>
<td>PG</td>
<td>pg(1)</td>
<td></td>
</tr>
<tr>
<td>Field Name</td>
<td>Field Code</td>
<td>Example</td>
<td>Description and Notes</td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>---------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Patent publication date</td>
<td>PDA</td>
<td>pda(20140116)</td>
<td>Displays in Patent information field.</td>
</tr>
<tr>
<td>Patent publication number</td>
<td>PN</td>
<td>pn(“WO 2014011857”)</td>
<td>Displays in Patent information field.</td>
</tr>
<tr>
<td>Publication date</td>
<td>PD</td>
<td>pd(2014) &lt;br&gt;pd(20130101-20130630)</td>
<td>Date range searching is supported.</td>
</tr>
<tr>
<td>Publication title¹</td>
<td>PUB</td>
<td>pub(fleischwirtschaft) &lt;br&gt;pub.exact(“british food journal”)</td>
<td>Title of publication where document originally appears.</td>
</tr>
<tr>
<td>Publication type</td>
<td>PSTYPE</td>
<td>pstype(“scholarly journals”)</td>
<td></td>
</tr>
<tr>
<td>Publication year</td>
<td>YR</td>
<td>yr(2014) &lt;br&gt;yr(2010-2011)</td>
<td>Date range searching is supported.</td>
</tr>
<tr>
<td>Publisher</td>
<td>PB</td>
<td>pb(crc press)</td>
<td></td>
</tr>
<tr>
<td>Publisher location</td>
<td>PBLOC</td>
<td>pbloc(“boca raton”)</td>
<td></td>
</tr>
<tr>
<td>Section¹</td>
<td>SEC</td>
<td>sec(proteins) &lt;br&gt;sec(“convenience foods”)</td>
<td></td>
</tr>
<tr>
<td>Source details</td>
<td>SRC</td>
<td>src(fleischwirtschaft PRE/094)</td>
<td>Includes Publication title, Volume, Issue and pagination. Also searchable via the Look Up Citation tool.</td>
</tr>
<tr>
<td>Subject¹</td>
<td>SU</td>
<td>su(proteins) &lt;br&gt;su(physical properties)</td>
<td></td>
</tr>
<tr>
<td>Main subject</td>
<td>SUBT</td>
<td>subt(proteins)</td>
<td>SUBT searched terms from the Subject display field only</td>
</tr>
<tr>
<td>Updated</td>
<td>UD</td>
<td>ud(2014-02-20)</td>
<td>The date(s) the record was loaded as a result of an update provided by the supplier.</td>
</tr>
</tbody>
</table>

¹ A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.

² Click the “Field codes” hyperlink at the top right of the Advanced Search page. Click “Search syntax and field codes”, then click on “FDB command” to get a list of database names and codes that can be searched with FDB.
In addition to **Search fields**, other tools available for searching are **Limit Options**, **Browse Fields**, **Thesaurus**, **“Narrow Results By” Limiters** and **Look Up Citation**. Each is listed separately below. Some data can be searched using more than one tool.

**LIMIT OPTIONS**

Limit options are quick and easy ways of searching certain common concepts. Check boxes are available for:

- **Abstract included**

  Short lists of choices are available for:

- **Document type** and **Language**

- **Date limiters** are available in which you can select single dates or date ranges for the date of **publication** and **updated**.

**BROWSE FIELDS**

You can browse the contents of certain fields by using Look Up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look Up lists are available in the fields drop-down and in the search options for:

- **Section**, **Subject**

  and in the fields drop-down only for:

- **Author**, **Publication title**

**THESAURUS**

Foodline®: SCIENCE Thesaurus is available by clicking the “Thesaurus” hyperlink toward the right side of the Advanced and the Command Line search pages, above the query boxes. Thesaurus terms may be searched within the thesaurus, then selected to be added automatically to the search form.

**“NARROW RESULTS BY” LIMITERS**

When results of a search are presented, the results display is accompanied by a list of “Narrow results by” options shown on the right-hand panel. Click on any of the “Narrow results by” options to display a ranked list of terms. Click on the term to apply it to (“narrow”) your search results. Multiple terms may be selected by clicking “More options” at the bottom of a ranked list and checking boxes to the left of terms to include or exclude. Narrow results by limiters in Foodline®: SCIENCE include:

- **Author**, **Publication title**, **Subject**, **Publication date**

**LOOK UP CITATION**

If you need to trace a particular bibliographic reference, use the Look Up Citation feature. Find a link to this toward the top left of the Advanced Search page, or in the drop list under Advanced on any search form; click this and you will go to a page where you can enter any known details of the citation, including document title, author, journal name, volume, issue, page, publication date, ISSN.
Terms & Conditions

Foodline is a registered trademark of Leatherhead Food Research Association.

Foodline®: SCIENCE is copyrighted by Leatherhead Food Research.

Dialog Standard Terms & Conditions apply.