



EuroFIR Food Composition Databank Platform


8th International Food Data Conference, Bangkok, Thailand, October 2009

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on behalf of
**the EuroFIR Compiler Network
and
the EuroFIR Consortium**

Google

EuroFIR




The Situation at what seems “Years Ago”

- **Today’s European food composition *tables* are incompatible without minor-/major adjustments**
 - with respect to foods (coverage, raw/prepared foods, brand name/-generic foods)
 - with respect to components (analytical methods, calculations, modes of expression, etc.)
- **The problems are multidimensional**

[Deharveng et al. (1999), Slimani et al. (2000)]
EPIC – European Prospective Study into Diet and Cancer, WHO IARC

Google




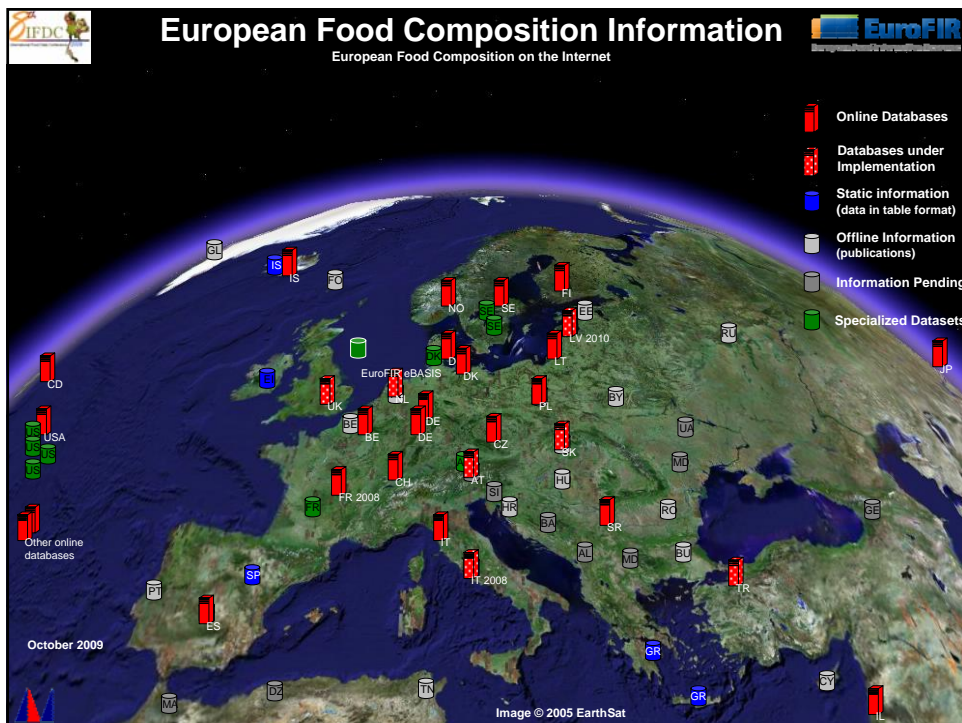
EuroFIR



- and EuroFIR added

Too many European databases are not online




EuroFIR must encourage and facilitate the implementation of online nutrient databases

What is the EuroFIR platform?

The EuroFIR platform is not one system, it is

- a virtual platform of inter-connected online national and specialised databases/datasets
 - EuroFIR BASIS
 - EuroFIR eSearch
 - other systems
- using a distributed configuration inter-linking the national systems electronically as well as linking to external systems relevant for the food composition area
- using a client – mediator – server application technology






The EuroFIR eSearch Platform

Builds on the following “ingredients”

- Food Data Compilers (Compiler Network)

and the EuroFIR requirements for

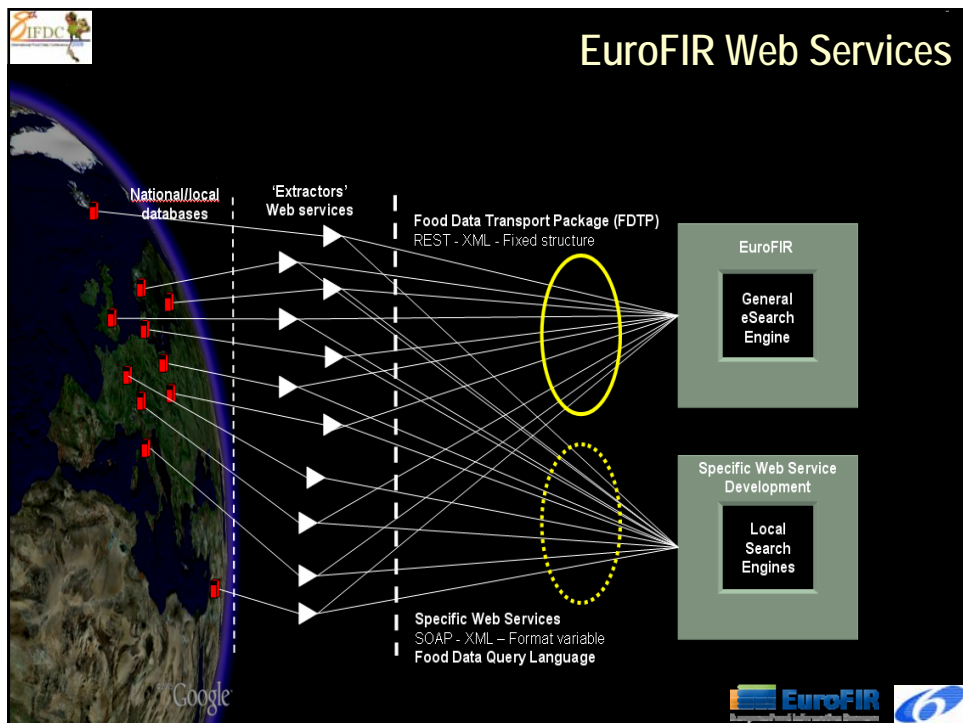
- Common food description
the LanguaL thesaurus
- Common data documentation
the EuroFIR Thesauri
- Common EuroFIR Web Services



EuroFIR Food Composition Data Compiler Network

- **28 food composition data compilers from 25 countries have agreed upon**
 - standardised* approach for food description
 - standardised* procedures for data compilation
 - standardised* approach for data documentation
 - standardised* approach in recipe handling
 - standardised* approach for data interchange
 - standardised* approach for data quality management
 - standardised* approach for data interchange
 - and many other standardised* issues

* the key word is "standardised"





EuroFIR eSearch Prototype

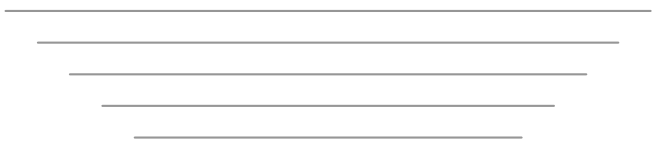
The EuroFIR eSearch facility is maintained by the EuroFIR Consortium under the EU 6th Framework Food Quality and Safety Programme FP6-513944 © EuroFIR 2009 - Website by Polytec and DFI

Anders Møller | Datasets | Logout

Please check the dataset you want to search. When you are done → Return to search. Please note that you must select at least one dataset for any search to return anything → Clear selections

Documented datasets	<input checked="" type="checkbox"/> AFSSA/NDS documented French dataset created for EPIC 2005 <input checked="" type="checkbox"/> AFSSA/CIQUAL French food composition table version 2008 <input checked="" type="checkbox"/> Belgische Voedingsmiddelentabel 2009 <input checked="" type="checkbox"/> Bulgarian Food Composition Database 2009 <input checked="" type="checkbox"/> Czech Food Composition database 2009, batch 1 <input checked="" type="checkbox"/> Danish Food Composition Databank TESTVERSION 7.01 <input checked="" type="checkbox"/> DFI NDS documented by Danish Food Information for EPIC 2005 <input checked="" type="checkbox"/> Irish Food Composition Database UCC 2009 <input checked="" type="checkbox"/> Lithuanian Food Composition database 2008	<input checked="" type="checkbox"/> McC&W Composition of Foods Integrated Dataset (CoF IDS) 2008 <input checked="" type="checkbox"/> NEVO-Webservice Preliminary TESTVERSION april 2009 <input checked="" type="checkbox"/> NFA NDS documented Swedish dataset created for EPIC 2004 <input checked="" type="checkbox"/> Norwegian Food Composition Table 2006 <input checked="" type="checkbox"/> Portuguese food composition dataset INSA 2008 <input checked="" type="checkbox"/> Slovak Food Composition Data Bank (SFCDB) 2008, extract <input checked="" type="checkbox"/> USDA National Nutrient Database for Standard Reference, Release 20 <input checked="" type="checkbox"/> USDA National Nutrient Database for Standard Reference, Release 21
Indexed datasets	<input type="checkbox"/> Danish Food Composition Databank, version 6.02, 2006 <input type="checkbox"/> Finnish FINELI database 2007 <input type="checkbox"/> German BundesLebensmittel Schlüssel II 3.1 2007 <input type="checkbox"/> Greek Food List 2006 <input checked="" type="checkbox"/> Icelandic ÍSGEM database 2008 <input type="checkbox"/> Israeli Food Composition Database 2007 <input type="checkbox"/> Italian Food Composition Database CSPO 2007 <input checked="" type="checkbox"/> Italian food composition database INRAN 2000	<input type="checkbox"/> Latvian Food List 2007 <input checked="" type="checkbox"/> Polish Food Composition Database 2006 <input type="checkbox"/> Serbian Food and Nutrition Database <input type="checkbox"/> Spanish Food List 2007 <input type="checkbox"/> Swedish Food Composition Database 2007 <input type="checkbox"/> Swiss Food Composition Resource 2007 <input type="checkbox"/> Turkish Food List 2007
Specialised datasets	<input type="checkbox"/> BASIS Food Plants [login needed] <input type="checkbox"/> GEMS Food Codex Classification for Foods and Feeds updated 2007 <input checked="" type="checkbox"/> GRIN Extract 2009-09-05 TESTVERSION	<input type="checkbox"/> InformAll Food Allergen Database 2007 <input type="checkbox"/> Pfenol-Explorer Version 1.0 TESTVERSION

Datasets shown in blue do not offer detailed online information at the moment. → Return to search



EuroFIR eSearch Prototype

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Anders Møller | Datasets | Logout

A search is performed on the selected datasets only → Select

You can search on Food name, Language, descriptor and Language code. The result will be foods matching at least one of the selected criteria. Switch to → Advanced search

All words will match strings containing all specified words in any order while Exact string requires an exact match.

Search:

As: Food name
 Language, descriptor
 Language, code

With: All words Exact string

8th International Food Data Conference
 October 1-3, 2009
 Bangkok, Thailand

EuroFIR eSearch Prototype

Search → Foods

Please select below the items for which you would like to extract details from the associated databases and then click the Show Details link to perform the search.
Blue items do not offer online details at the moment and cannot be selected for detail display. Click an online dataset name for further information on the dataset.
The table can be exported to: Excel

20 Foods found | Select all online foods | Clear selections | Show Details

Item ID	Dataset	Scopien name	Original name
006620	Italian food composition database INRAN 2000	TOMATOES, TYPE "SAN MARZANO", RIPENED, FRESH, RAW	POMODORI Maturi, SAN MARZANO, FRESCHI, CRUDI
25434	AFSSA/CIQUAL French food composition table version 2008	Sandwich on panini bread, raw ham, mozzarella and tomatoes	Sandwich panini, jambon cru, mozzarella, tomates
315474	GRIN Extract 2009-09-09 TESTVERSION	strawberry-tomato	Physalis grisea (Waterl.) M. Martinez
0790	Danish Food Composition Databank TESTVERSION 7.01	Tomato, Danish, ripe, raw	Tomat, dansk, rå
06753	Norwegian Food Composition Table 2006	Tomato, imported, raw	Tomat, importert, rå
0791	Danish Food Composition Databank TESTVERSION 7.01	Tomato, imported, ripe, raw	Tomat, importeret, rå
06069	Norwegian Food Composition Table 2006	Tomato, Norwegian, raw	Tomat norsk, rå
000070	Czech Food Composition database 2009, batch 1	Tomato, raw	RAJČATA
0195	Icelandic ISGEM database 2008	Tomato, raw	TÓMATAR, hrár
15616	Portuguese food composition dataset INSA 2008	Tomato, raw	Tomate cru
20047	AFSSA NDS documented French dataset created for EPIC 2006	Tomato, raw	Tomate, crue
20047	AFSSA/CIQUAL French food composition table version 2008	Tomato, raw	Tomate, crue
0306	DFI NDS documented by Danish Food Information for EPIC 2006	Tomato, ripe, raw, origin unknown	Tomat uspec, rå
0306	Danish Food Composition Databank TESTVERSION 7.01	Tomato, ripe, raw, origin unknown	Tomat uspec, rå
06762	Norwegian Food Composition Table 2006	Tomato, small, cherry, imported, raw	Tomat cherry, importert, rå
06754	Norwegian Food Composition Table 2006	Tomato, unspecified type, raw	Tomat, uspesifisert, rå
60	NEVO-WebService Preliminary TESTVERSION april 2009	Tomatoes normal raw	Tomat pæron raw
13-388	McC&W Composition of Foods Integrated Dataset (CoF IDS) 2008	Tomatoes, cherry, raw	Tomatoes, cherry, raw
006600	Italian food composition database INRAN 2000	TOMATOES, FRESH, RAW	POMODORI DA INSALATA, FRESCHI, CRUDI
11527	USDA National Nutrient Database for Standard Reference, Release 20	Tomatoes, green, raw	Tomatoes, green, raw
11695	USDA National Nutrient Database for Standard Reference, Release 20	Tomatoes, orange, raw	Tomatoes, orange, raw
13-460	McC&W Composition of Foods Integrated Dataset (CoF IDS) 2008	Tomatoes, raw	Tomatoes, raw
11629	USDA National Nutrient Database for Standard Reference, Release 20	Tomatoes, red, ripe, raw, year round average	Tomatoes, red, ripe, raw, year round average
006680	Italian food composition database INRAN 2000	TOMATOES, RIPENED, CANNED, UNDRAINED, RAW	POMODORI Maturi, PELATI, IN SCATOLA, CON LIQUIDO, CRUDI
006610	Italian food composition database INRAN 2000	TOMATOES, RIPENED, FRESH, RAW	POMODORI Maturi, FRESCHI, CRUDI

DTU Food National Food Institute | Google | EuroFIR | DTU

DTU Food National Food Institute | Technical University of Denmark (DTU) | Danish Food Composition Databank - ed. 7.01

FCDB no. 0791

Tomato, imported, ripe, raw

Tomat, importeret, rå
Lycopersicon esculentum (L.) Karsten ex Farw.

Refuse: 0%

Content per 100 g	Unit	Content	Variation	No.	Source
Energy	kJ	147			
Protein, total [NCFI 6.25]	g	1.1	0.8 - 1.3	9	00050
total-N	g	0.2	0.1 - 0.2	9	00050
Fat, total [NCFI 0.800]	g	0.4	0.4 - 0.4	2	00162
saturated fatty acids	g	0.1			00050
monounsaturated fatty acids	g	0.0			00050
polyunsaturated fatty acids	g	0.2			00050
Carbohydrate, total	g	7.2			00050
carbohydrate, available	g	6.1			00080
added sugar	g	0			00050
dietary fibre	g	1.1	1.4 - 3.2	9	00162
Alcohol	g	0			00000
Ash	g	0.7	0.7 - 0.8	9	00162
Moisture	g	80.6	88.0 - 94.9	9	00162
Vitamin A, retinol	µg	0			00306
β-carotene eq.	µg	992	906 - 1090	4	00306
Vitamin D, D3 cholecalciferol	µg	0			00306
D2 ergocalciferol	µg	0			00306
25-hydroxycholecalciferol	µg	0			00306
Vitamin E, α-tocopherol	mg	0.5	0.390 - 0.700	9	00128
Vitamin K	µg	7.9	0.390 - 0.700	9	00128
Vitamin B1, thiamin	mg	0.045	0.024 - 0.071	50	00306
Vitamin B2, riboflavin	mg	0.019	0.016 - 0.029	50	00306
Niacin equivalents	NE	0.503			00050
niacin	mg	0.7	0.450 - 0.850	13	00306
tryptophan	mg	0.183			00050
Vitamin B6, Pantothenic Acid	mg	0.084	0.058 - 0.180	52	00306
Biotin	µg	0.330			00306
Folates	µg	1.5			00306
Vitamin B12	µg	31			05143
					00306

DTU Food National Food Institute | Google | EuroFIR | DTU

USDA United States Department of Agriculture
Agricultural Research Service, Beltsville Area
Germplasm Resources Information Network (GRIN)

GRIN Taxonomy for Plants

Common Names Economic Impacts Distribution References Synonyms Links Images

Please tell us why you value GRIN Taxonomy

Taxon: *Solanum lycopersicum* L.

Genus: *Solanum* subgenus: *Potatoe* section: *Petota* subsection: *Lycopersicon* series: *Neolycopersicon*
 Family: *Solanaceae* subfamily: *Solanoideae* tribe: *Solaneae*
 Nomen number: 101442
 Place of publication: Sp. pl. 1:185. 1753
 Typification: [View record from Linnaean Plant Name Typification Project](#) of the Natural History Museum of London.
 Name verified on: 05-Sep-2008 by ARS Systematic Botanists. Last updated: 05-Sep-2008
 Species priority site is: [Northeast Regional PI Station \(NE9\)](#)
 Accessions: 8231 in National Plant Germplasm System.

- List all available (and unavailable) NPGS accessions (include images) sorted by number or name
- List all available (and unavailable) NPGS accessions by country.

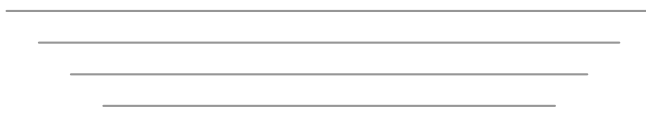
See also subordinate taxa:

- Solanum lycopersicum* var. *cerasiforme* (549 accessions)
- Solanum lycopersicum* var. *lycopersicum* (39 accessions)

Common names:

- tomato (Source: [World Econ Pl](#))

More:

Informall Database
Communicating about Food Allergies

Home Database Search Informall project Contact us

Food: Tomato


- View General Food data
- View Clinical data
- View Biochemical data for:

GENERAL INFORMATION

Name:

Scientific Name:

Occurrence: 

Allergy Information: 



Other Information:


Taxonomic Information:

Reviews (0)

References (0)

This record was last modified on 18-Oct-2006
Page processed in 0.062 seconds



Plant Details

Identification

Scientific name:

Family name:

Family name synonym:

Priority:

Langual. code and term:

General information

If the plant has a GRIN code you can click the GRIN link at the top of the page to view the GRIN information on the plant.

- ▶ Plant information report
- ▶ References
- ▶ GRIN information

Plant Description

Eddible parts: **Fruit (berry)**

Colour: **Red or yellow, also white or green (ripe)**

Size: **1.5 cm-10 cm in diameter**

Shape: **globose, oval, pear-shaped**

Taste: **Sour-sweet**

Use: **Raw, cooked or processed for juice and puree**

Remarks:

Plant Partic. Used


C0167

C0294

C0137

C0229




C0300



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National Names

Bulgaria	<input type="text" value="Домат"/>
Denmark	<input type="text" value="Tomat"/>
Finland	<input type="text" value="Tomaatti"/>
France	<input type="text" value="Tomate"/>
Germany	<input type="text" value="Tomate"/>
Greece	<input type="text" value="Tomata"/>
Iceland	<input type="text" value="Tímatur"/>
Italy	<input type="text" value="Pomodoro"/>

INRA

Search foods and polyphenols

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Phenol-Explorer

Database on polyphenol content in foods





Showing all polyphenols found in 'Tomato [Cherry], whole, raw'

Values Determined by Chromatography

Choose a different method:

		mean	min	max	SD	N ^u	n ^u	References
Vegetables - Fruit vegetables - Tomato [Cherry], whole, raw								
Flavonoids								
Flavones	Apigenin	0.00 mg/100 g FW	0.00	0.00	0.00	14	14	1
	Luteolin	0.00 mg/100 g FW	0.00	0.00	0.00	14	14	1
Flavonols	Isorhamnetin	0.00 mg/100 g FW	0.00	0.00	0.00	14	14	1
	Kaempferol	6.67e-03 mg/100 g FW	0.00	0.02	9.66e-03	21	21	2
	Myricetin	0.00 mg/100 g FW	0.00	0.00	0.00	14	14	1
	Quercetin	4.76e-04 mg/100 g FW	0.00	1.00e-02	2.18e-03	21	21	2
	Quercetin 3-O-rutinoside	3.33 mg/100 g FW	1.79	6.61	1.77	6	6	1
Phenolic acids								
Hydroxycinnamic acids	5-Caffeoylquinic acid	3.74 mg/100 g FW	2.67	5.44	1.02	6	6	1

Phenol-Explorer Version 1.0 - This project was developed by INRA in collaboration with the Wageningen Research Group.

EuroFIR eSearch Prototype

Search: **Foods**

Please select below the items for which you would like to extract details from the associated databases and then click the Show Details link to perform the search.
Blue items do not offer online details at the moment and cannot be selected for detail display. Click an online dataset name for further information on the dataset.
The table can be exported to: [Excel](#)

20 Foods found | Select all online foods | Clear selections | Show Details

Item ID	Dataset	English name	Original name
<input checked="" type="checkbox"/>	006620	Italian food composition database INRAN 2000	TOMATOES, TYPE "SAN MARZANO", RIPENED, FRESH, RAW
<input checked="" type="checkbox"/>	26434	AFSSA/CQUAL French food composition table version 2008	Sandwich on panini bread, raw ham, mozzarella and tomatoes
<input type="checkbox"/>	315474	GRIN Extract 2009-09-09 TESTVERSION	strawberry-tomato
<input checked="" type="checkbox"/>	0790	Danish Food Composition Databank TESTVERSION 7.01	Tomato, Danish, ripe, raw
<input checked="" type="checkbox"/>	06.753	Norwegian Food Composition Table 2006	Tomato, imported, raw
<input checked="" type="checkbox"/>	0791	Danish Food Composition Databank TESTVERSION 7.01	Tomato, imported, ripe, raw
<input checked="" type="checkbox"/>	06.069	Norwegian Food Composition Table 2006	Tomato, Norwegian, raw
<input checked="" type="checkbox"/>	000070	Czech Food Composition database 2008, batch 1	Tomato, raw
<input checked="" type="checkbox"/>	0195	Icelandic ISGEM database 2008	Tomato, raw
<input checked="" type="checkbox"/>	IS616	Portuguese food composition dataset INSA 2008	Tomato, raw
<input checked="" type="checkbox"/>	20047	AFSSA NDS documented French dataset created for EPIC 2006	Tomato, raw
<input checked="" type="checkbox"/>	20047	AFSSA/CQUAL French food composition table version 2008	Tomato, raw
<input checked="" type="checkbox"/>	0306	DFI NDS documented by Danish Food Information for EPIC 2006	Tomato, ripe, raw, origin unknown
<input checked="" type="checkbox"/>	0306	Danish Food Composition Databank TESTVERSION 7.01	Tomato, ripe, raw, origin unknown
<input checked="" type="checkbox"/>	06.752	Norwegian Food Composition Table 2006	Tomato, small, cherry, imported, raw
<input checked="" type="checkbox"/>	06.754	Norwegian Food Composition Table 2006	Tomato, unspecified type, raw
<input checked="" type="checkbox"/>	60	NEVO-Webservice Preliminary TESTVERSION april 2009	Tomatoes normal raw
<input checked="" type="checkbox"/>	13-388	McCAW Composition of Foods Integrated Dataset (CoF IDS) 2008	Tomatoes, cherry, raw
<input checked="" type="checkbox"/>	006600	Italian food composition database INRAN 2000	TOMATOES, FRESH, RAW
<input checked="" type="checkbox"/>	11627	USDA National Nutrient Database for Standard Reference, Release 20	Tomatoes, green, raw
<input checked="" type="checkbox"/>	11695	USDA National Nutrient Database for Standard Reference, Release 20	Tomatoes, orange, raw
<input checked="" type="checkbox"/>	13-460	McCAW Composition of Foods Integrated Dataset (CoF IDS) 2008	Tomatoes, raw
<input checked="" type="checkbox"/>	11629	USDA National Nutrient Database for Standard Reference, Release 20	Tomatoes, red, ripe, raw, year round average
<input checked="" type="checkbox"/>	006680	Italian food composition database INRAN 2000	TOMATOES, RIPENED, CANNED, UNDRAINED, RAW
<input checked="" type="checkbox"/>	006610	Italian food composition database INRAN 2000	TOMATOES, RIPENED, FRESH, RAW

EuroFIR eSearch Prototype

Search: **Foods** | **Details**

The following information was found. The table can be exported to: [Excel](#)

Energy	Proximates	Fat	Carbohydrates	Sugars	Organic acids	Polyols	Fat sol. vitamins	Water sol. vitamins	Macro elements	Trace elements	Sterols			
Id	Dataset	English name	THIA	RIBF	NIAEQ	NIA	NIATRP	VITB6	PANTAC	BIOT	FOL	CHOLN	VITB12	VITC
006620	IT INRAN FCDB 2000	TOMATOES, TYPE "SAN MARZANO", RIPENED, FRESH, RAW												24 mg
26434	FR AFSSA FCDB 2008	Sandwich on panini bread, raw ham, mozzarella and tomatoes												
0790	DK FCDB 7.01	Tomato, Danish, ripe, raw		0.041 mg	0.018 mg	0.817 mg	0.7 mg	0.117 mg	0.084 mg	0.330 mg	1.5 ug	31 ug	0 ug	15 mg
06.753	NO MVT FCDB 2006	Tomato, imported, raw		0.04 mg	0.02 mg	0.7 mg	0.6 mg	0.08 mg			12 ug		0 ug	17 mg
0791	DK FCDB 7.01	Tomato, imported, ripe, raw		0.041 mg	0.018 mg	0.883 mg	0.7 mg	0.183 mg	0.084 mg	0.330 mg	1.5 ug	31 ug	0 ug	18 mg
06.069	NO MVT FCDB 2006	Tomato, Norwegian, raw		0.03 mg	0.01 mg	0.6 mg	0.5 mg	0.09 mg			17 ug		0 ug	17 mg
20047	AFSSA NDS 2005	Tomato, raw		0.06 mg	0.04 mg			0.08 mg					0 ug	18 mg
0195	IS ISGEM 2008	Tomato, raw												
IS616	PT INSA FCDB 2008	Tomato, raw		0.050 mg	0.030 mg	0.70 mg	0.60 mg	0.10 mg	0.14 mg		17 ug		0 ug	20 mg
20047	FR AFSSA FCDB 2008	Tomato, raw		0.05 mg	0.028 mg		0.631 mg		0.081 mg	0.21 mg	21.2 ug		0 ug	16.7 mg
000070	CZ UZEI 2009	Tomato, raw		0.07 mg	0.05 mg									18.7 mg
0306	DK FCDB 7.01	Tomato, ripe, raw, origin unknown		0.041 mg	0.018 mg	0.817 mg	0.7 mg	0.117 mg	0.084 mg	0.330 mg	1.5 ug	29 ug	0 ug	18.7 mg
0306	DFI NDS 2005	Tomato, ripe, raw, origin unknown		0.043 mg	0.020 mg				0.089 mg				0 ug	20 mg
06.752	NO MVT FCDB 2006	Tomato, small, cherry, imported, raw		0.05 mg	0.01 mg	0.6 mg	0.6 mg	0.1 mg			20 ug		0 ug	26 mg
06.754	NO MVT FCDB 2006	Tomato, unspecified type, raw		0.03 mg	0.02 mg	0.7 mg	0.6 mg	0.08 mg			14 ug		0 ug	17 mg
60	NEVO April 2009	Tomatoes normal raw		0.05 mg	0.02 mg		0.5 mg	0.080 mg					0 ug	15 mg

vitamin C (ascorbic acid)
Component: VITC

Dataset	English name	Unit	Per	Sel/Val	Min	Max	Std	No	Qual	VTy	ATyp	MTyp	Mid	MPa	Reference	RTyp	ATyp
Italian food composition database INRAN 2000	TOMATOES, TYPE "SAN MARZANO", RIPENED, FRESH, RAW	mg	W	24						BE	X	X	MIR003				
AFSSA/CIQUAL French food composition table version 2008	Sandwich on panini bread, raw ham, mozzarella and tomatoes	mg	W							D	N	S	I	MIR007			
Danish Food Composition Databank TESTVERSION 7.01	Tomato, Danish, ripe, raw	mg	W	15	11.3	18.0		8		BE	O	A	MI105		Wienberg, A., Leth, T.: Overvågningsystem for næringsstoffer, frugt og grøntsager, 1987	R	O
Norwegian Food Composition Table 2006	Tomato, imported, raw	mg	W	17						BE	D	D	MIR003		Norwegian Food Safety Authority and Directorate for Health and Social Affairs. Analyses planned in 2001. Unpublished.	X	D
Danish Food Composition Databank TESTVERSION 7.01	Tomato, imported, ripe, raw	mg	W	18	12.3	23.1		9		BE	O	A	MI103		Wienberg, A., Leth, T.: Overvågningsystem for næringsstoffer, frugt og grøntsager, 1987	R	O
Norwegian Food Composition Table 2006	Tomato, Norwegian, raw	mg	W	17						BE	D	D	MIR003		Statens råd for ernæring og fysisk aktivitet og Statens næringsmiddeltilsyn. Analyses planned in 1994. Unpublished.	X	D
AFSSA NDS documented French dataset created for EPIC 2005	Tomato, raw	mg	W	18	11.3	26.5		17	B	AV		D	MI0001		Faehrgem, M.; Favier, J.C.; Ireland-Ripert, J.: Répertoire Général des Aliments: Table de composition, Lavoisier Tec & Doc, Paris, 1991.	B	F
Portuguese food composition dataset INSA 2008	Tomato, raw	mg	W	20						BE	X	X	MIR003				
AFSSA/CIQUAL French food composition table version 2008	Tomato, raw	mg	W	16.7	12.5	26.5		12	B	MN	S	D	MIR003		Astier-Dumas M (1983). Valeurs nutritionnelles de quelques produits prêts à être consommés. Centre Recherche Foch, Paris.	B	P
Czech Food Composition database 2009, batch 1	Tomato, raw	mg	W	18.7						BE	S	S	MIR003		Hodnota získaná výpočtem podle interních algoritmů databáze. Value achieved by calculation using internal algorithms of the database.	F	S
Danish Food Composition Databank TESTVERSION 7.01	Tomato, ripe, raw, origin unknown	mg	W	18.7						BE	S	CG	MIR003		Value achieved by calculation of different analytical data.: Værdi beregnet ved omregning af forskellige analysedata.	E	E
DELNDS documented by	Tomato, ripe, raw	mg	W	20						BE		CG					

EuroFIR Document Repository

CiteXplore - citation details

wienberg

Nearest first | Synonyms | search | clear

Back to results | No highlighting | highlight | 0

CiteXplore Id: c1241

Title: [Food monitoring system for nutrients, fruit and vegetables].

Original title: Overvågningsystem for næringsstoffer, frugt og grøntsager.

Authors: Wienberg, A., Leth, T.

Affiliation: Centrallaboratoriets afdeling A/Odenske Landsdelslaboratorium, Levnedsmiddelstyrelsen

Language: Danish

Publication type: Report;

Full text article:

XML: [XML](#)

Abstract: As a part of the Danish food monitoring system for nutrients, fruit and vegetables have been investigated in 1984. Different sorts of tomatoes, cauliflowers, cabbages, apples, carrots, cucumbers and oranges have been analysed for protein, fat, carbohydrate, dry matter, energy, vitamin C and dietary fiber. The investigations include imported as well as Danish produced vegetables. No great differences in the nutrient content of varieties of the Danish grown fruits and vegetables could be found, and there is good agreement with the Danish food composition table. An exception is the content of vitamin C in the apple sort Spartan, which contains 5 times less vitamin C than the other two apple sorts analysed here. The nutrient content of imported fruit and vegetables, especially tomatoes and apples, is often higher than given in the Danish food composition table and over the average content in the Danish products. This is probably caused by a longer growing time, which gives stronger plants with a higher fiber and energy content. However, the vitamin C contents is on the same level in imported and Danish grown cauliflowers, and in apples is the vitamin C content even lower in imported than in Danish apples. This is probably caused by the longer transportation time of imported products. The nutrient content found in this investigation concerns in fresh fruits and vegetables that are products ready for sale. However apple, cabbage and cauliflower are often stored for some period before sale and this could probably influence the content of nutrients. This issue has been investigated, and the results will be published later in 1987.

Publisher: Statens Levnedsmiddelsinstitut

Publication date: 1987 /10

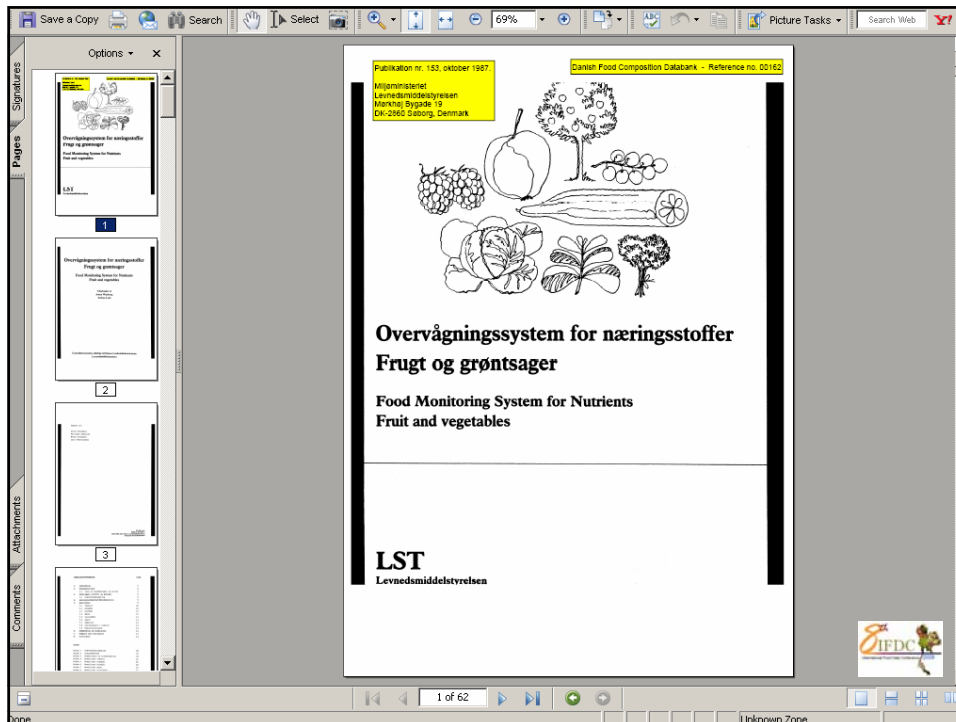
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EuroFIR Documents on Documentation and Data Interchange

- Five reports published in 2008 (current versions)*
 - Draft EuroFIR Standard – II: Technical Annex Version 2008, December 2008
 - EuroFIR Thesauri 2008 Version 1.0, July 2008
 - EuroFIR Web Services Background report December 2008
 - EuroFIR Web Services EuroFIR Food Data Transport Package Version 1.3, July 2008
 - EuroFIR Web Services Specification of request-response message exchange patterns, Version 1.0, December 2008



*available on the EuroFIR Technical Website (Documents 2008)



Conclusions

- **The EuroFIR infrastructure and accessibility of online national food databases provide a harmonized and standardized access to European food composition data in a way that has never been seen before**
 - data are searchable on one platform and searched in a uniform way
 - data are documented
 - data are comparable
 - data are interchanged electronically
- **linking to external sources enhances the usefulness**



Thank you for your patience

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