

# List of Publications on Food Composition and Contaminants in Saudi Arabia

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Composition of ghee (Samn Barri) from cow's milk and sheep's milk.

Al-Khalifa, A., and Al-Khatani.  
1993, *Food Chemistry* 46; 373-375.

Physical and chemical characteristics of ghee and butter from goat's and sheep's milk.

Sawaya, W.N., Khan, P., and Shalhat, F.A.  
1984, *Food Chemistry* 14; 227-232.

Mineral and vitamin contents of sheep milk.

Sawaya, W.N., Khalil, J.K., Al-Shalhat, A.F. and Al-Mohammad, M.M.  
1985, *Milchwissenschaft* 40 (2).

Studies on the chemical composition and nutritive value of sheep milk.

Sawaya, W.N., Khalil, J.K., Al-Shalhat, A.F. and Al-Mohammad, M.M.  
1984, *Milchwissenschaft* 39 (2).

Goat and camel milk and freezing point.

Al-Kanhal, H.A.  
1993, *Egyptian J. Dairy Sc.*

Mineral and vitamin contents of goat's milk.  
Sawaya, W.N., Khalil, J.K., Al-Shalhat, F.A.  
1984, *J. of The Am. Dietetic Assoc.* 84 (4): 433-435.

Chemical composition and nutritive value of goat milk.  
Sawaya, W.N., Safil, W.J., Al-Shalhat, A.F. and Al-Mohammad,  
M.M.  
1984, *J. Dairy Sci.* 67: 1655-1659.

Chemical composition and nutritional quality of camel milk.  
Sawaya, W.N., Khalil, J.K., Al-Shalhat, A.F. and Al-  
Mohammad, M.M.  
1984, *J. of Food Science* 49.

Milk composition of Majaheim, Wadah and Hamra camels in  
Saudi Arabia.  
Mehaia, M.A., Hablas, M.A., Abdel-Rahman, K.M. and El-  
Mougy, S.A.  
1995, *Food Chemistry* 52: 115-122.

Studies on camel and goat milk proteins: Nitrogen distribution  
and amino acid composition.  
Mehaia, M.A. and Al-Kanhal, M.A.  
1989, *Nutr. Reports International* 39 (2).

Acceptability of laboratory made Ogggt using different types of  
milk.  
Al-Mohizea, I.S., Abu-Lehia, I.H. and El-Behery, M.M.  
1988, *Cultured Dairy Products Journal* pp.20-23.

The chemical composition and nutritive value of Madeer.  
Sawaya, W.N., Salji, J.P., Ayaz, M. and Khalil, J.K.  
1984, *Ecol. Fd. Nutr.* 55: 29-37.

The yoghurt industry in the central province of Saudi Arabia.  
Salji, J.P., Sawaya, W.N., Ayaz, M.  
1983, *Cultured Dairy Products Journal* 18(4): 14-18 and 37.

Effects of processing and compositional parameters on quality of plain liquid yoghurt.

Salji, J.P., Fawal, A.K., Saadi, S.R., Ismail, A.A. and Mashadi, A.

1985, *Milchwissenschaft* 40 (12).

Studies on the production of ice cream from camel milk products.

Abu-Lehia, I.H., Al-Mohizea, I.S., and El-Behry, M.

1989, *The Australian Journal of Dairy Technology*, pp.31- 34.

The chemical composition of some varieties of fish from the red sea and their nutritive value.

Hassan, Y.M.

1979, *Proc. Saudi Biol. Soc. 3 (AlHasa Conf.)*

Cholesterol, fat and food energy contents of selected raw and cooked commercial fish species from Arabian Gulf.

Ewaidah, E.H.

1993, *Ecol. Fd. Nutr.*

Mineral and proximate composition of some commercially important fish of the Arabian Gulf.

El-Faer, M.Z., Rawdah, T.N., Khudre, M.A. and Arab, M.

1992, *Food Chemistry* 45: 95-98.

Physical and sensory characteristics of Najdi - camel meat.

Dawood, A.A.

1995, *Meat Science* 39: 59-69.

Nutrient composition of Najdi camel meat.

Dawood, A.A. and Alkanhal, M.A.

1995, *Meat Science* 39: 71-78.

Cholesterol and fat contents of animal adipose tissues.

Abou-Tarboush, H.M., Dawood, A.A.

1993, *Food Chemistry* 46(1): 89-93.

Mineral and proximate composition of the meat of the one humped camel.

El-Faer, M.Z., Tarik, N.R., Khudre, M.A., Martin, V.D.

1991, *Food Chemistry* 42: 139-143.

Fatty acid composition of the meat and fat of the one humped camel.

Tarik, N.R., El-Faer, M.Z., Sherif, A.K.

1994, *Meat Science* 37: 149-155.

Bread baking in Saudi Arabia.

Mousa, E.I. and Al-Mohizea, I.S.

1987, *Cereal Foods World* 32 (9).

Nutritional evaluation of various breads consumed in Saudi Arabia.

Sawaya, W.N., Khalil, J.K., Khatchadourian, H.A. and Al-Mohammed, M.

1984, *Nutrn. Reports Intrn.* 29 (5).

Mineral and vitamin contents of Saudi Arabian millet flour and bread.

Sawaya, W.N. and Khalil, J.K.

1984, *Am. Assoc. Cereal Chemist* 61 (4).

Chemical composition and nutritional quality of sorghum flour and bread.

Khalil, J.K., Sawaya, W.N., Safi, W.J. and Al-Mohammad, H.M.

1984, *Qual. Plant Plant Foods Hum. Nutr.* 34: 141-150.

Nutritional quality of pearl millet flour and bread.

Sawaya, W.N., Khalil, J.K., Safi, W.J.  
1984, *Qual. Plant Plant Foods Hum. Nutr.* 34: 117-125.

Contents and composition of dietary fiber in selected bakery products and vegetables.

Al-Khalifah, A.S. , *Bull. of Faculty of Agric.*, Univ. of Cairo 44 (2): 389-398.

Nutritive value of some wheat based dishes consumed in the Kingdom of Saudi Arabia.

Al-Kanhal, M.A., Al-Mohizea, I.S., Al-Othaimen, A.I. and Khan, M.A.

1994, *Ecol. Fd. Nutr.* 32: 219-226.

Chemical composition of selected take-away dishes consumed in Saudi Arabia.

Al-Khalifa, A.

1993, *Ecol. Fd. Nutr.* 30: 137-143.

Chemical and nutritional quality of Saudi Arabian dishes based on cereals and legumes. I. Proximate composition, amino acid contents and nutritive value.

Al-Jebrin, A., Sawaya, W.N., Salji, J.P., Ayaz, M., and Khalil, J.K.

1985, *Ecol. Fd. Nutr.* 17: 157-164.

Chemical and nutritional quality of Saudi Arabian dishes based on cereals and legumes. II. Mineral and Vitamin contents.

Al-Jebrin, A., Sawaya, W.N., Salji, J.P., Ayaz, M., and Khalil, J.K.

1985, *Ecol. Fd. Nutr.* 17: 345-352.

Nutritional evaluation of selected meat based Saudi Arabian dishes.

Sawaya, W.N., Al-Jebrin, A., Salji, J.P., Ayaz, M., and Khalil,

J.K.  
1986, *Ecol. Fd. Nutr.*

Proximate composition, cholesterol and mineral contents of Saudi Arabian "Kabsah".

Al-Kanhal, M.A. , *J.K.S.U. Agric. Sc.* 3 (2): 175-

Cholesterol contents and fatty acid composition of selected Saudi Arabian dishes.

Sawaya, W.N., Al-Jebrin, A., Salji, J.P., Ayaz, M. and Khalil, J.K.

1985, *Nutr. Reports Intr.* 31 (3): 593-600.

Effects of experimental cooking on the yield and proximate composition of three selected legumes.

Khalil, J.K., Sawaya, W.N. and Mohammad, H.M.

1986, *J. Fd. Sc.* 51 (1): 233- 234.

Chemical and amino acid composition of four traditional foods consumed in the Arab Gulf States.

Musaiger, A.O., Al-Mohizea, I.S., Al-Kanhal, M.A., Jaidah, J.H.

1990, *Food Chemistry* 36: 181-189.

Chemical composition and nutritional quality of Halva.

Sawaya, W.N., Khalil, J.K., Ayaz, M. and Al-Mohammed, M.M.

1985, *Nutr. Reports Intr.* 31 (2): 389-397.

Chemical composition and nutritional quality of Tehineh (Sesame Butter).

Sawaya, W.N., Khalil, J.K., Ayaz, M., Khalil, J.K., Al-Shalhat, A.F.

1985, *Food Chemistry* 18: 35-45.

*The state of food and nutrition in the Arabian Gulf countries.*

Musaiger, A.O.

1987

Chemical characterization and edibility of the oil extracted from *Citrullus olocynthis*.

Sawaya, W.N., Dagher, N.J. and Khan, P.

1983, *J. Fd. Sc.* 48.

*Citrullus colocynthis* seeds as a potential source of protein for food and feed.

Sawaya, W.N., Dagher, N.J. and Khalil, J.K.

1986, *J. Agric. Fd. Chem.* 34 (2): 285-288.

Nutrient composition of *Atriplex* leaves grown in Saudi Arabia.

Khalil, J.K., Sawaya, W.N. and Hyder, S.Z.

1986, *J. of Range Management* 39 (2): 104-107.

Physico-chemical characteristics of Jujube fruits grown in the central region of Saudi Arabia.

Al-Mohizea, I.S., El-Behery, M.M. and Hablass, M.A.

1986, *J. Coll. Agric., K.S.U.* 8 (2): 337-344.

Evaluation of some locally grown seeds (peanut, corn, sesame) and their extracted oils in Saudi Arabia.

Al-Khatani, H.A.

1989, *Arab Gulf J. Scient. Res., Biol. Sci.* B7 (1): 1-14.

Linseeds grown in Saudi Arabia: Approximate composition of seeds and physicochemical characteristics of oils.

Al-Khatani, H.A. and Ewaidah, E.H.

1988, *J. Coll. Agric., K.S.U.* 10 (2): 263-271.

Chemical composition and microflora of black cumin (*Nigella Sativa* L.) seeds growing in Saudi Arabia.

Al-Jassir, M.S.

1992, *Food Chemistry* 45: 239-242.

Physical and chemical characterization of three Saudi date cultivars at various stages of development.

Sawaya, W.N., Khalil, J.K., Safi, W.N. and Al-Shalhat, A. 1983, *Can. Inst. Food Sci. Technol. J.* 16 (2): 087-091.

The composition and properties of date proteins.

Ahmed, I.S.A., Al-Gharibi, K.N., Daar, A.S., Kabir, S. 1995, *Food Chemistry* 53 (4): 441-446.

Chemical characterization of Cleom dolichostyla seed oil.

Ahmad, A., Sawaya, W.N. and Abdull Karim, A.M. 1984, *Food Chemistry* 14: 21-26.

Chemical composition and nutrition quality of Cleom dolichostyla seed.

Sawaya, W.N., Khalil, J.K. and Ahmad, S. 1985, *Qual. Plant Plant Foods Hum. Nutr.* 35: 27-33.

Nutritive value of prickly pear seeds, Opuntia ficus-indica.

Sawaya, W.N., Khalil, J.K. and Al-Mohammad. 1983, *Qual. Plant Plant Foods Hum. Nutr.* 33: 91-97.

Chemical characterization of pear seed oil, Opuntia ficus-indica.

Sawaya, W.N. and Khan, P. 1982, *J. Fd. Sc.* 47(6): 2060-2061.

Chemical characterization of prickly pear pulp, Opuntia ficus-indica and the manufacturing of prickly pear jam.

Sawaya, W.N., Khatchadourian, H.A., Safi, W.M. and Al-Mohammad, H.M. 1983, *J. Fd. Technol.* 18: 183-193.

Nutrient composition of 'Taifi' pomegranate (*Punica granatum* L.) fragments and their suitability for the production of jam.

Ewaidah, E.H. 1987, *Arab Gulf Scient. Res., Agric. Biol. Sci.* B5 (3): 367-378.



Studies on commercially canned juices produced locally in Saudi Arabia.

Ewaidah, E.H.

1992, *Food Chemistry* 44: 103-111.

Nutritive composition of Al-Nokel grape fragments and the potentiality of making evaporated concentrate.

Ewaidah, E.H.

1993, *Food Chemistry* 49: 243-253.

Date bars fortified with soy protein isolate and dry skim milk.

Sawaya, W.N., Khalil, J.K., Safi, W.J. and Khatchadourian, H.A.

1983, *J. Fd. Sc.* 48: 1503-1506.

Comparison of physical, chemical and functional properties of (Al-Yassar or Al-Ban) and soybean proteins.

Al-Khatani, H.A. and Abou-Arab, A.A.

1993, *Cereal Chem.* 70 (6): 619-626.

Chemical and biological evaluation of discarded frying palm oil from commercial restaurants.

Al-Harbi, M.M. and Al-Khatani, H.A.

1993, *Food Chemistry* 48: 395-401.

Survey for aflatoxin in imported corn in Riyadh region.

Ewaidah, E.H.

1992, *Arab. Gulf J. Scient. Res., Agric. Biol. Sc.* 10 (2): 77-86.

Ochratoxin A and aflatoxin in 1989 Saudi wheat.

Ewaidah, E.H.

1992, *International J. Fd. Sc. Technol.* 27: 697-700.

Mycotoxins producing fungi and mycoflora of air dust from Taif, Saudi Arabia.

Abdel-Hafez, S.I.I. and Shoreit, A.A.M.  
1985, *Mycopathologia* 92 (2): 65-71.

Aflatoxin M in milk.

Ewaidah, E.H.  
1989, *J. King Saud Univ., Agric. Sci.* 1: 37-55.

Toxicity studies on *Alpinia galaga* and *Curcuma longa*.

Qureshi, S., Shah, A.H. and Ageel, A.M.  
1992, *Planta Medica* 58 (2): 124-127.

Aflatoxins survey for poultry feeds in Riyadh region.

Ewaidah, E.H.  
1989, *Arab. Gulf J. Scient. Res., Agric. Biol. Sci.* B6 (1): 1-7.

Typhoid fever from water desalinized using reverse osmosis.

Al-Qarawi, S.M., El-Bushra, H.E., Fontaine, R.E., Bubshait, S.A. and El-Tantawy, N.A.  
1995, *Epidemiology and Infection* 114 (1): 41-50.

Survey of the Saudi Arabian drinking water for trihalomethanes.

Fayad, N.M. and Tawabini, B.S.  
1991, *Bull. Environmental Contamination and Toxicology* 46 (2): 305-312.

Studies on commercially canned juices produced locally in Saudi Arabia: (1) Tin and mineral contents.

Ewaidah, E.H.  
1989, *J. Coll. Agric., King Saud Univ.* 2 (1): 35-47.

Bioaccumulation of nickel and vanadium by clams (*Meretrix meretrix*) living in different salinities along the Saudi coast of the Arabian gulf.

Sadiq, M., Alam, I.A., Al-Mohanna, H.  
Environment Pollution - A, 76 (3): 225-231.

Effect of the 1991 Gulf war on metal bioaccumulation by the clam (*Meretrix meretrix*).

Sadiq, M. and McCain, J.C.  
1993, *Marine Pollution Bull.* 27: 163-170.

Elemental and geochemical analysis of the Umm-Khurisan spring water (Al-Hasa area, Eastern province, Saudi Arabia).

Al Mohandis, A.A.  
1991, *International J. Environmental - Analytical - Chemistry* 43 (4): 277-283.

*Heavy metals in foods.*

Dewdney, P.A. and King, C.F.  
1980, Food Legislation surveys - Leatherhead Food - RA No. 6  
49pp.

Petroleum hydrocarbons and trace metals in near shore Gulf sediments and biota before and after the 1991 war: an assessment of temporal and spatial trends.

Fowler, S.W., Readman, J.W., Oregioni, B., Villeneuve, J.P. and McKay, K.  
1993, *Marine Pollution Bull.* 27: 171-182.

Concentration of metal of health significance in commonly consumed shrimps in the eastern province of Saudi Arabia.

Sadiq, M., Zaidi, T.H. and Sheikheldin, S.  
1995, *J. Environ. Sci. Health Part A Environ. Sci. Eng.* A30 (1): 15-30.

Lead and chromium concentrations of the potable water of the eastern province of Saudi Arabia.

Hassan, H.M.A., Mustafa, H.T. and Rihan, T.I.  
1989, *Bull. Environmental Contamination and Toxicology* 43 (4): 529-533.

Metal contamination of drinking water from corrosion of distribution pipes.

Alam, I.A. and Sadiq, M.

1989, *Environmental Pollution - A* 57 (2): 167-178.

Cadmium and zinc concentrations in the potable water of the eastern province of Saudi Arabia.

Mustafa, H.T., Hassan, H.M.A., Abu-Mehla, A. and Rihan, T.I.

1988, *Bull. Environmental Contamination and Toxicology* 40 (3): 462-467.

Studies on commercially canned juices produced locally in Saudi Arabia: part 2 - Physico-chemical, organoleptic and microbiological assessment.

Ewaidah, E.H.

1988, *Food Chemistry* 29: 81-96.

Microbial quality of camel's milk in Riyadh markets.

Al-Mohizea, I.S.

1986, *Egyptian J. Dairy Sc.* 14 (2): 173-180.

Microbial quality of tehinah manufactured in Saudi Arabia.

Ayaz, M., Sawaya, W.N. and Al-Sogair, A.

1986, *J. Fd. Protection* 49 (7): 504-506.

Microbiological shelf life assessment of chilled eviscerated whole chicken broilers in Saudi Arabia.

Al-Mohizea, I.S., Mashadi, A.S., Fawwal, A., Al-Shalhat, A.

1994, *British Poultry Sc.* 35 (4): 519-526.

A food illness outbreak caused by *Salmonella muenster*.

Nabbut, N.H., Barbour, E.K., Al-Nakhli, H.M. and Zamel, S.I.

1983, *J. Fd. Protection* 45 (1): 23-25.

*Identification of yeasts isolated from Oasis Al-Hassa, Saudi Arabia.*

(4th symposium on the biological aspects of Saudi Arabia).

El-Nakhal, H., Phaff, J.J., Miranda, M.

1980

Saudi Arabia, Biological Society (4th Symposium).

Incidence of Salmonella in lymph nodes, spleen and feces of sheep and goats slaughtered in the Riyadh abbatoir.

Nabbut, N.H. and Al-Nakhli, H.M.

1983, *J. Fd. Protection* 45 (14): 1314-1317.

Fungi associated with dates in Saudi Arabia.

Abu-Zinada, A.H. and Ali, M.I.

1982, *J. Fd. Protection* 47 (5): 1489-1492.

Microbiological studies on four conventional types of bread in Saudi Arabia.

Al-Mohizea, I.S., Mousa, E.I. and Fawzi, M.

1990, *Egypt J. Fd. Sci.* 18: 233-244.

Bacterial growth in pasteurized camel's milk.

Al-Mohizea, I.S., Abu-Lehia, I.H. and El-Behery, M.M.

1994, *Egypt J. Dairy Sci.* 22 (2): 243-252.

Fungal flora of barley seeds in Saudi Arabia and its control.

Hashem, A.R.

1990, *J. Fd. Protection* 53 (9): 786-789.

Some spoilage microflora of desert truffles Al-Kamah of the Kingdom of Saudi Arabia.

Bokhary, H.A., Parvez, S. and Shibi, A.M.

1990, *J. Fd. Protection* 53 (9): 779-781.

Microbial examination of Riyadh drinking water.

Al-Mohizea, I.S.

1986, *J. Col. Agric.*, King Saud Univ. 8 (1): 91-100

Metal concentrations in pearl oysters, *Pinctada radiata*, collected from Saudi Arabian coast of the Arabian Gulf.

Sadiq, M. and Alam, I.

1989, *Bull. Environmental Contamination and Toxicology* 42 (1): 111-118.

The effect of water rinsing and chlorine treatment and salad vegetables on microbial contamination.

Al-Mohizea, I.S.

1995, *Bull. No. 51/1995 Agriculture Research Center* (college of Agriculture, K.S.U.)

Isolation of *Aeromonas hydrophila* from bottled waters and domestic water supplies in Saudi Arabia.

Slade, P.J., Falah, M.A. and Al-Ghadi A.M.R.

1986, *J. Fd. Protection* 49(6): 471-476.

Microbiological studies on some salad vegetable in local markets.

Al-Mohizea, I.S.

1995

Accepted for publication in *J. King Saud Univ. (Agri. Sci.)* 8 (1).

Composition of the fungal flora of four cereal grains in Saudi Arabia. (Hordem, barley, *Zea mays*, maize, sorghum, *Triticum*, wheat, hazard to humans due to mycotoxins).

Abdel Hafez, S.I.I.

1984, *Mycopathologia* 85 (1/2): 53-57.

Bacteriological assessment of well's water in Riyadh area.

Al-Mohizea, I.S.

1987, *J. Coll. Agric.*, King Saud Univ. 9 (1): 17-24.

Microbiological studies on two common types of bread in Saudi Arabia.

Al-Mohizea, I.S., Mousa, E.I. and Fawzi, M.

1987, *Cereal Foods World* 32 (9): 611-612.

Determination of the concentration of radioactive nuclides in baby milk formula.

Agil, I.A.N., Baig, M.R., Binzager, N.F.

1994, *Sci. International* 6 (2): 157-158.