

安全性関する文献等の一覧

資料No.	標題又は資料の名称	著者又は 試験実施者	掲載誌又は報告書の名称	備考 レフエリー (査読)の有無
2-1	新・油脂の特性と応用	横溝和久	油脂 150 : 42-46 (1997)	X
2-2	新しい栄養学(II) ステロール	大野佳美, 原一郎	油化学 9 : 592-598 (1981)	O
2-3	FDA authorizes new coronary heart disease health claim for plant sterol and plant stanol esters	Food and Drug Administration	FDA Talk Paper September 5, 2000	O
2-4	食用精製加工油脂の日本農林規格 (昭和54年10月12日農林水産省告示 第1424号)	農林水産省総合食料同品質課 監修	日本農林規格品質表示基準食品編 3 2679-2680、 2747-2748 (1979)	X
2-5	Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer dietary cholesterol, β -sitosterol, and stigmasterol	Nair, P. P., Turjiman, N., Kessie, G., Calkins, B., Goodman, T. G., Davidovitz, H. and Nimmagadda, G.	The American Journal of Clinical Nutrition 40 : 927-930 (1984)	O
2-6	Intakes and major dietary sources of cholesterol and phytosterols in the British diet	Morton, G. M., Lee, S. M., Buss, D. H. and Lawrance, P.	J. Hum. Nutr. Dietet, 8 : 429-440 (1995)	O
2-7	Fecal β -sitosterol in patients with	Miettinen, T. A.,	Scand. J. Gastroent. 13 : 573-576 (1978)	O

	diverticular disease of the colon and in vegetarians	Tarpila, A.		
2-8	Cholesterol, phytosterol and polyunsaturated fatty acid levels in 1982 and 1957 Japanese diets 大学食堂定食の成分構成	Hirai, K., Shimazu, C., Takezoe, B. and Ozeki, Y. 中島克子, 池田郁男, 淵上貴美子, 城石幸博, 菅野道廣, 安江律子, 松本陸子	J. Nutr. Sci. Vitamindol. 32 : 363-372 (1986)	○
2-9			臨床栄養 3 : 263-268 (1981)	○
2-10	T3 試験油の細菌を用いる復帰突然変異試験		日清オイリオ試験経過報告書	×
2-11	Safety evaluation of phytosterol esters. Part 7. Assessment of mutagenic activity of phytosterols, phytosterol esters and the cholesterol derivative, 4-cholesten-3-one.	Wolfreys, A. M., Hepburn, P. A.	Food Chem. Toxicol. 40 : 461-470 (2002)	○
2-12	T3 試験油のラットにおける急性経口毒性試験		日清オイリオ試験経過報告書	×
2-13	T3 試験油のラットを用いた経口投与による 90 日間の反復投与毒性試験		日清オイリオ試験経過報告書	×
2-14	Safety evaluation of phytosterol esters. Part 2. Subchronic 90-day oral toxicity study on Phytosterol esters --- A novel functional food.	Hepburn, P. A., Horner, S. A., Smith, M.	Food Chem. Toxicol. 37 : 521-532 (1999)	○
2-15	Sitosterol feeding chronic animal and clinical toxicology and tissue	Shipley, R. E., Pfeiffer, E. R., Marsh, M. M., Anderson, R.	Circulation Research 6 : 373-382 (1958)	○

	analysis.	C.		
2-16	Fat toxicity studies with β -sitosterol	Malini, T., Vanithakumari, G.	Journal of Ethnopharmacology 28 : 221-231 (1990)	○
2-17	Safety evaluation of phytosterol esters. Part 3. Two-generation reproduction study in rats with phytosterol esters -- a novel functional food.	Waalkens-Berendsen, D. H., Wolterbeek, A. P. M., Wijnands, M. V. W., Richard, M., Hepburn, P. A.	Food Chem. Toxicol. 37 : 683-696 (1999)	○
2-18	Safety evaluation of phytosterol esters. Part 1. Assessment of estrogenicity using a combination of <i>In vivo</i> and <i>In vitro</i> assays.	Baker, V. A., Hepburn, P. A., Kennedy, S. J., Jones, P. A., Lea, L. J., Sumpter, J. P., Ashby, J.	Food Chem. Toxicol. 37 : 13-22 (1999)	○
2-19	Antifertility effects of β -sitosterol in male albino rats	Malini, T., Vanithakumari, G.	Journal of Ethnopharmacology 35 : 149-153 (1991)	○
2-20	The effect of neonatal exposure to diethylstilbestrol, Coumestrol, and β -Sitosterol on pituitary responsiveness and sexually dimorphic nucleus volume in the castrated adult rat	Register, B., Bethel, M. A., Thompson, N., Walmer, D., Blohm, P., Ayyash, L., Hughes, C.	P.S.E.B.M. 208 : 72-77 (1995)	○
2-21	Plant sterols as cholesterol-lowering-agents: clinical trials in patients with hypercholesterolemia and studies of sterol balance	Lees, A. M., Mok, H. Y. L., Lees, R. S., McCluskey, M. A., Grundy, S. M.	Atherosclerosis 28 : 325-338 (1977)	○

2-22	Long-term treatment of severe familial hypercholesterolemia in children: Effect of sitosterol and bezafibrate	Becker, M., Stabb, D., Bergmann, K. V.	Pediatrics 89 : 138-142 (1992)	○
2-23	Treatment of severe familial hypercholesterolemia in childhood with sitosterol and sitostanol	Becker, M., Stabb, D., Bergmann, K. V.	Pediatr, J. 122 : 292-296 (1993)	○
2-24	Safety evaluation of phytosterol esters. Part 5. Faecal short-chain fatty acid and microflora content, faecal bacterial enzyme activity and serum female sex hormones in healthy normolipidaemic volunteers consuming a controlled diet either with or without a phytosterol ester-enriched margarine.	Ayesh, R., Weststrate, J. A. Drewitt, P. N. and Hepburn, P. A.	Food Chem. Toxicol. 37 : 1127-1138 (1999)	○
2-25	Safety evaluation of phytosterol esters. Part 4. faecal concentrations of bile acids and neutral sterols in healthy normolipidaemic volunteers consuming a controlled diet either with or without a phytosterol ester-enriched margarine.	Weststrate, J. A., Ayesh, R., Bauer-Flank, C., Drewitt, P. N.	Food Chem. Toxicol. 37 : 1063-1071 (1999)	○
2-26	The influence of β -sitosterol on biliary cholesterol saturation and bile	Begemann, F., Bandomer, G., Herget, H. J.	Scand. J. Gastroent. 13 : 57-63 (1978)	○

	acid kinetics in man				
2-27	β シトステロールの胆汁脂質に与える影響について	大木正美, 川本敏雄, 堀内至, 日野文明, 岡橋誠, 田妻進, 徳毛宏則, 野村洋子, 平岡俊仁, 梶山裕朗	胆と膵 2 : 219-225 (1985)		○
2-28	Spreads enriched with three different levels of vegetable oil sterols and the degree of cholesterol lowering in normocholesterolaemic and mildly hypercholesterolaemic subjects	Hendriks, H. F. J., Weststrate, J. A., Vliet, T. v. and Meijer, G. W.	European Journal of Clinical Nutrition 53 : 319-327 (1999)		○
2-29	Safety and tolerability of esterified phytosterols administrated in reduced-fat spread and salad dressing to healthy adult men and women.	Davidson, M. H., Maki, K. C., Umponowicz, D. M., Ingram, K. A., Dicklin, M. R., Schaefer, E., Lane, R. W., McNamara, J. R., Ribaya-Mercado, J. D., Perrone, G., Robins, S. J., Franke, W. C.	J. Am. Coll. Nutr. 20 : 307-319 (2001)		○
2-30	Cholesterol-lowering effects of spreads enriched with microcrystalline plant sterols in hypercholesterolemic subjects	Christiansen, L. I., Lahteenmaki, P. I. A., Mannelin, M. R., Seppanen-Jaakso, T. E., Hiltunen, R. V. K. and Yliruusi, J. K.	European Journal of Clinical Nutrition 40 : 66-73 (2001)		○
2-31	Cholesterol-lowering effects of plant	Nestel, P., Cehun, M.,	European Journal of Clinical Nutrition		○

	sterol esters and non-esterified stanols in margarine, butter and low-fat foods	Pomeroy, S., Abbey, M. and Weldon, G.	55 : 1084-1090 (2001)	
2-32	Plant stanol esters affect serum cholesterol concentrations of hypercholesterolemic men and women in a dose-dependent manner.	Hallikainen, M. A., Sarkkinen, E. S., Unsitupa, M. I. J.	J. Nutr. 130 : 767-776 (2000)	○
2-33	Effects of serum lipids, lipoproteins and fat soluble antioxidant concentrations of consumption frequency of margarines and shortenings enriched with plant stanol esters.	Plat, J., Onselein, E. V., Heugten, M. V., Mensink, R.	Eur. J. Clin. Nutr. 54 : 671-677 (2000)	○
2-34	Effects of 2 low-fat stanol ester-containing margarines on serum cholesterol concentrations as part of a low-fat diet in hypercholesterolemic subjects.	Hallikainen, M. A., Unsitupa, M. I. J.	Am. J. Clin. Nutr. 69 : 403-410 (1999)	○
2-35	Effects of low-fat stanol ester enriched margarines on concentrations of serum carotenoids in subjects with elevated serum cholesterol concentrations.	Hallikainen, M. A., Sarkkinen, E., Unsitupa, M. I. J.	Eur. J. Clin. Nutr. 53 : 966-969 (1999)	○
2-36	Cholesterol reduction by different plant stanol mixtures and with variable fat intake.	Gylling, H., Miettinen, T. A.	Metabolism 48 : 575-580 (1999)	○

2-37	Retinol, vitaminD, carotenes and α -tocopherol in serum of a moderately hypercholesterolemic population consuming sitostanol ester margarine.	Gylling, H., Puska, P., Varitainen, E., Miettinen, T. A.	Atherosclerosis 145 : 279-285 (1999)	○
2-38	Plant stanol esters and vitamin K [Letters to the Editor]	Nguyen, T. T., Dale, L. C.	Mayo Clin. Proc. 74 : 642-643 (1999)	○
2-39	Vegetable oil based versus wood based stanol ester mixtures: effects on serum lipids and hemostatic factors in non-hypercholesterolemic subjects	Plat, J., Mensink, R. P.	Atherosclerosis 148 : 101-112 (2000)	○
2-40	Safety evaluation of phytosterol esters. Part 6. The comparative absorption and tissue distribution of phytosterols in the rat.	Sanders, D. J., Minter, H. J., Howes, Hepburn, P.A.	Food Chem. Toxicol. 37 : 485-491 (2000)	○
2-41	Sitosterolemia	Salen, G., Shefer, S., Nguyen, L., Ness, G. C., Tint, G. S., Batta, A. K.	Subcellular Biochemistry 28 : 453-476 (1997)	○
2-42	Comparative effect of dietary sitosterol on plasma sterols and bile acid synthesis in a sitosterolemic homozygote and heterozygote subjects	Cobb, M. M., Salen, G., Tint, G. S.	J. Am. Coll. Nutr. 16 : 605-613 (1997)	○
2-43	高脂血症に対するソメトール®の臨床効果 —第3報—	大谷 麗二	薬理と治療 9 : 293-306 (1984)	○

2-44	Randomised controlled trial of use by hypercholesterolaemic patients of a vegetable oil sterol-enriched fat spread.	Neil, H. A. W., Meijer, G. W., Roe, L. S.	Atherosclerosis 156 : 329-337 (2001)	○
2-45	Plant sterol-enriched margarine lowers plasma LDL in hyperlipidemic subjects with low cholesterol intake: Effect of fibrate treatment	Nigon, F., Serfaty-Lacroisniere C., Beucier, I., Chauvois, D., Neveu, C., Giral, P., Chapman, M. J., Brucket, E.	Clin. Chem. Lab. Med. 7 : 634-640 (2001)	○
2-46	Effects of phytosterol ester-enriched vegetable oil on serum cholesterol and assesment of safety in healthy men	Seki, S., Abe, T., Hidaka, I., Kojima, K., Yoshino, H., Aoyama, T., Okazaki, M. and Kondo, k.	Journal of Oleo Science Vol 52 No.4, 205-213 (2003)	○