

Statement on the risk assessment of cow's milk in children aged 1 to 5 years, in the context of plant-based drinks evaluations

# References

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Bansal, A., Henao-Mejia, J. and Simmons, R.A. (2018), [Immune System: An Emerging Player in Mediating Effects of Endocrine Disruptors on Metabolic Health. - Abstract - Europe PMC](#) Endocrinology, 159(1), pp. 32–45. doi:10.1210/en.2017-00882.

Bates, B. et al. (2014) National Diet and Nutrition Survey Results from Years 1, 2, 3 and 4 (combined) of the Rolling Programme (2008/2009 – 2011/2012). [Main heading \(publishing.service.gov.uk\)](#).

Bates, B. et al. (2016) 'National Diet and Nutrition Survey Results from Years 5 and 6 (combined) of the Rolling Programme (2012/2013 – 2013/2014)'. [Main heading \(publishing.service.gov.uk\)](#).

Bates, B. et al. (2020) 'National Diet and Nutrition Survey Results from Years 1, 2, 3 and 4 (combined) of the Rolling Programme (2016/2017 – 2018/2019)'. [National](#)

[Diet and Nutrition Survey \(publishing.service.gov.uk\)](https://publishing.service.gov.uk).

Bath, S.C., Button, S. and Rayman, M.P. (2012) [Iodine concentration of organic and conventional milk: implications for iodine intake - PubMed \(nih.gov\)](#) British Journal of Nutrition. 2011/07/05 edn, 107(7), pp. 935–940. doi:10.1017/S0007114511003059.

Becker-Algeri, T.A. et al. [Mycotoxins in Bovine Milk and Dairy Products: A Review - Becker-Algeri - 2016 - Journal of Food Science - Wiley Online Library](#) (2016) 81(3), pp. R544–R552. doi:10.1111/1750-3841.13204.

Bláhová, L. et al. (2016) [Phytoestrogens in milk: Overestimations caused by contamination of the hydrolytic enzyme used during sample extraction - PubMed \(nih.gov\)](#) Journal of Dairy Science, 99(9), pp. 6973–6982. doi:10.3168/jds.2016-10926.

Bürgi, H. (2010) [Iodine excess - PubMed \(nih.gov\)](#) Best Practice & Research Clinical Endocrinology & Metabolism, 24(1), pp. 107–115. doi:10.1016/j.beem.2009.08.010.

Byrne, M.P. et al. (2020) ‘Urease and Nitrification Inhibitors—As Mitigation Tools for Greenhouse Gas Emissions in Sustainable Dairy Systems: A Review’, Sustainability, 12(15), p. 6018. doi:10.3390/su12156018. [Sustainability | Free Full-Text | Urease and Nitrification Inhibitors—As Mitigation Tools for Greenhouse Gas Emissions in Sustainable Dairy Systems: A Review \(mdpi.com\)](#).

Cirillo, T. et al. (2015) [Exposure to Di-2-Ethylhexyl Phthalate, Di-N-Butyl Phthalate and Bisphenol A through Infant Formulas | Journal of Agricultural and Food Chemistry \(acs.org\)](#) Journal of Agricultural and Food Chemistry, 63(12), pp. 3303–3310. doi:10.1021/jf505563k.

COC (2018) Statement on possible carcinogenic hazard to consumers from insulin-like growth factor-1 (IGF-1) in the diet. [COC statement on IGF-1 and cancer risk \(publishing.service.gov.uk\)](#).

Cockburn, A. et al. (2013) [Nitrite in feed: from animal health to human health - PubMed \(nih.gov\)](#) Toxicology and Applied Pharmacology, 270(3), pp. 209–217. doi:10.1016/j.taap.2010.11.008.

COT (2000) Statement on iodine in cow’s milk. [iodin2 \(food.gov.uk\)](#).

COT (2001) Statement on the tolerable daily intake for dioxins and dioxin-like polychlorinated biphenyls. [\[ARCHIVED CONTENT\] UK Government Web Archive -](#)

[The National Archives.](#)

COT (2003) 'Phytoestrogens and Health'. [phytoreport0503.pdf \(food.gov.uk\)](#).

COT (2011) 'Statement on dietary exposure to phthalates – data from the total diet study'. Available at: [Microsoft Word - phthalates statement 04-11.docx \(food.gov.uk\)](#).

COT (2013a) 'Statement on the potential risks from high levels of soyaphytoestrogens in the infant diet'. [\[ARCHIVED CONTENT\] UK Government Web Archive - The National Archives.](#)

COT (2013b) Statement on the potential risks from lead in the infant diet. [\[ARCHIVED CONTENT\] COT statement on lead | Food Standards Agency \(nationalarchives.gov.uk\)](#).

COT (2015a) 'Statement on polybrominated biphenyls (PBBs) in the infant diet'. [TOX -2015-06 PBB 2nd Draft Statement.pdf \(food.gov.uk\)](#).

COT (2015b) 'Statement on potential risks from polybrominated diphenyl ethers (PBDEs) in the infant diet: potential risks from polybrominated diphenyl ethers (PBDEs) in the diets of infants and young children'. [PBDEstatementfinal.pdf \(food.gov.uk\)](#).

COT (2015c) 'Statement on the potential risks from hexabromocyclododecanes (HBCDDs) in the infant diet'. [\[ARCHIVED CONTENT\] UK Government Web Archive - The National Archives.](#)

COT (2016a) Addendum to the 2013 COT statement on potential risks from lead in the infant diet. [\[ARCHIVED CONTENT\] Addendum to the 2013 COT statement on lead | Food Standards Agency \(nationalarchives.gov.uk\)](#).

COT (2016b) Statement on potential risks from arsenic in the diet of infants aged 0 to 12 months and children aged 1 to 5 years. [\[ARCHIVED CONTENT\] UK Government Web Archive - The National Archives.](#)

COT (2017a) Addendum to the 2015 COT statement on potential risks from polybrominated diphenyl ethers (PBDEs) in the infant diet: potential risks from polybrominated diphenyl ethers (PBDEs) in the diets of infants and young children. [Tox 2017-3 PBDEs final \(food.gov.uk\)](#).

COT (2017b) Statement on the potential risks from excess iodine in the diets of infants aged 0-12 months and children aged 1 to 5 years. [\[ARCHIVED CONTENT\]](#)

[UK Government Web Archive - The National Archives.](#)

COT (2018a) Review of potential risks from contaminants in the diet of infants aged 0 to 12 months and children aged 1 to 5 years. [tox2018-31.pdf \(food.gov.uk\).](#)

COT (2018b) Statement on potential risks from cadmium in the diet of infants aged 0 to 12 months and children aged 1 to 5 years. [The potential risks from cadmium in the infant diet \(food.gov.uk\).](#)

COT (2018c) Statement on potential risks from methylmercury in the diet of infants aged 0 to 12 months and children aged 1 to 5 years. [\[ARCHIVED CONTENT\] UK Government Web Archive - The National Archives.](#)

COT (2019a) Minutes of the meeting held on Tuesday, 19<sup>th</sup> of March 2019 in Broadway House Conference Centre, Tothill St, London SW1H 9NQ. [COT Final Minutes March 2019 \(food.gov.uk\).](#)

COT (2019b) 'Overarching statement on the potential risks from contaminants in the diet of infants aged 0 to 12 months and children aged 1 to 5 year'. [TOX-2018-48 Overarching statement 0-5 year olds \(food.gov.uk\).](#)

COT (2019c) Review of potential risks from tetrabromobisphenol A (TBBPA) in the diet of infants aged 0 to 12 months and children aged 1 to 5 years. [Potential risks from TBBPA in infant diet 0-5 years \(food.gov.uk\).](#)

COT (2020) Conclusions of the Overarching Statement and Addendum on the potential risks from contaminants in the diet of infants aged 12 to 60 months – Summary tables for SACN. [TOX 2020 36 SACN Report 1 to 5 COT chapter \(food.gov.uk\).](#)

COT (2021a) 'Overarching statement on consumption of plant-based drinks in children aged 6 months to 5 years of age'. [Final Plant based drinks statement 2021 \(food.gov.uk\).](#)

COT (2021b) 'Overarching statement on the potential risks from exposure to microplastics'. [COT Microplastics Overarching Statement 2021 \(food.gov.uk\).](#)

COT (2021c) 'Position paper on dioxins': [Dioxin Interim Position Statement \(food.gov.uk\).](#)

DEFRA (2021) Agriculture in the United Kingdom 2020, p. 90. [AUK2020\\_22feb22.pdf \(publishing.service.gov.uk\)](#)

Department of Health (2013) Diet and Nutrition Survey of Infants and Young Children (DNSIYC), 2011. [DNSIYC UK report ALL chapters DH V10.0.pdf \(publishing.service.gov.uk\)](#).

EFSA (2005a) [Opinion of the Scientific Panel on contaminants in the food chain \[CONTAM\] related to the presence of non dioxin-like polychlorinated biphenyls \(PCB\) in feed and food - - 2005 - EFSA Journal - Wiley Online Library](#) 3(11), p. 284. doi:10.2903/j.efsa.2005.284.

EFSA (2005b) [Opinion of the Scientific Panel on food additives, flavourings, processing aids and materials in contact with food \(AFC\) related to Bis\(2-ethylhexyl\)phthalate \(DEHP\) for use in food contact materials - - 2005 - EFSA Journal - Wiley Online Library](#) doi:10.2903/j.efsa.2005.243.

EFSA (2005c) [Opinion of the Scientific Panel on food additives, flavourings, processing aids and materials in contact with food \(AFC\) related to Butylbenzylphthalate \(BBP\) for use in food contact materials - - 2005 - EFSA Journal - Wiley Online Library](#) EFSA Journal [Preprint], (EFSA Journal). doi:10.2903/j.efsa.2005.241.

EFSA (2005d) [Opinion of the Scientific Panel on food additives, flavourings, processing aids and materials in contact with food \(AFC\) related to di-Butylphthalate \(DBP\) for use in food contact materials - - 2005 - EFSA Journal - Wiley Online Library](#) EFSA Journal [Preprint], (EFSA Journal). doi:10.2903/j.efsa.2005.242.

EFSA (2005e) [Opinion of the Scientific Panel on food additives, flavourings, processing aids and materials in contact with food \(AFC\) related to Di-isodecylphthalate \(DIDP\) for use in food contact materials - - 2005 - EFSA Journal - Wiley Online Library](#), EFSA Journal/ [Preprint], (EFSA Journal). doi:10.2903/j.efsa.2005.245.

EFSA (2005f) [Opinion of the Scientific Panel on food additives, flavourings, processing aids and materials in contact with food \(AFC\) related to Di-isononylphthalate \(DINP\) for use in food contact materials - - 2005 - EFSA Journal - Wiley Online Library](#) EFSA Journal [Preprint], (EFSA Journal). doi:10.2903/j.efsa.2005.244.

EFSA (2006) in Tolerable Upper Intake Levels for Vitamins and Minerals: Scientific Committee on Food, Scientific Panel on Dietetic Products, Nutrition and Allergies, pp. 135–150. [complet\\_chapitres.indd \(europa.eu\)](#).

EFSA (2009) [Nitrite as undesirable substances in animal feed - Scientific Opinion of the Panel on Contaminants in the Food Chain - - 2009 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 7(4). doi:10.2903/j.efsa.2009.1017.

EFSA (2010) [Scientific Opinion on Polybrominated Biphenyls \(PBBs\) in Food - - 2010 - EFSA Journal - Wiley Online Library](#)

EFSA (2011a) [Scientific Opinion on Hexabromocyclododecanes \(HBCDDs\) in Food - - 2011 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 9(7), p. 2296. doi:10.2903/j.efsa.2011.2296.

EFSA (2011b) [Scientific Opinion on Tetrabromobisphenol A \(TBBPA\) and its derivatives in food - - 2011 - EFSA Journal - Wiley Online Library](#).

EFSA (2011c) [Statement on tolerable weekly intake for cadmium \(wiley.com\)](#) EFSA Journal, 9(2), p. 1975. doi:10.2903/j.efsa.2011.1975.

EFSA (2012a) [Cadmium dietary exposure in the European population - - 2012 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 10(1), p. 2551. doi:10.2903/j.efsa.2012.2551.

EFSA (2012b), [Lead dietary exposure in the European population - - 2012 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 10(7), p. 2831. doi:10.2903/j.efsa.2012.2831.

EFSA (2012c)' [Scientific Opinion on the risk for public health related to the presence of mercury and methylmercury in food - - 2012 - EFSA Journal - Wiley Online Library](#), EFSA Journal, 10(12), p. 2985. doi:10.2903/j.efsa.2012.2985.

EFSA (2014), [Scientific Opinion on the risks to public health related to the presence of perchlorate in food, in particular fruits and vegetables - - 2014 - EFSA Journal - Wiley Online Library](#) EFSA Journal/, 12(10), p. 3869. doi:10.2903/j.efsa.2014.3869.

EFSA (2015a) [Risks for public health related to the presence of chlorate in food - - 2015 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 13(6), p. 4135. doi:10.2903/j.efsa.2015.4135.

EFSA (2015b), [Scientific Opinion on the risks to public health related to the presence of bisphenol A \(BPA\) in foodstuffs - - 2015 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 13(1), p. 3978. doi:10.2903/j.efsa.2015.3978.

EFSA (2017) [Dietary exposure assessment to perchlorate in the European population - - 2017 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 15(10), p. e05043. aflu.

EFSA (2018), [Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food - - 2018 - EFSA Journal - Wiley Online Library](#) EFSA Journal, 16(11). doi:10.2903/j.efsa.2018.5333.

EFSA (2019) 'Update of the risk assessment of di-butylphthalate (DBP), butyl-benzyl-phthalate (BBP), bis(2-ethylhexyl)phthalate (DEHP), di-isononylphthalate (DINP) and di-isodecylphthalate (DIDP) for use in food contact materials', EFSA Journal, 17(12). doi:10.2903/j.efsa.2019.5838. [Update of the risk assessment of di-butylphthalate \(DBP\), butyl-benzyl-phthalate \(BBP\), bis\(2-ethylhexyl\)phthalate \(DEHP\), di-isononylphthalate \(DINP\) and di-isodecylphthalate \(DIDP\) for use in food contact materials - - 2019 - EFSA Journal - Wiley Online Library](#).

EFSA (2020a) 'Risk assessment of aflatoxins in food', EFSA journal. European Food Safety Authority, 18(3), pp. e06040–e06040. doi:10.2903/j.efsa.2020.6040. [Risk assessment of aflatoxins in food - - 2020 - EFSA Journal - Wiley Online Library](#).

EFSA (2020b) [Risk to human health related to the presence of perfluoroalkyl substances in food - - 2020 - EFSA Journal - Wiley Online Library](#), EFSA Journal, 18(9). doi:10.2903/j.efsa.2020.6223.

EFSA (2021a) EFSA Journal, [Chronic dietary exposure to inorganic arsenic - - 2021 - EFSA Journal - Wiley Online Library](#) 19(1), p. e06380. doi: /10.2903/j.efsa.2021.6380.

EFSA (2021b) [Update of the risk assessment of hexabromocyclododecanes \(HBCDDs\) in food - - 2021 - EFSA Journal - Wiley Online Library](#)

EFSA (2023) [Re-evaluation of the risks to public health related to the presence of bisphenol A \(BPA\) in foodstuffs - - 2023 - EFSA Journal - Wiley Online Library](#) 21(4), p. e06857.

European Chemicals Agency (ECHA) (2019) 'Annex XV Restriction Report Proposal for a Restriction for intentionally added microplastics'. [Microsoft Word - rest\\_microplastics\\_axvreport\\_en.docx \(europa.eu\)](#).

European Union (EU) (2011) '[Commission Regulation \(EU\) No 574/2011 of 16 June 2011 amending Annex I to Directive 2002/32/EC of the European Parliament and of the Council as regards maximum levels for nitrite, melamine, Ambrosia spp.](#)



[and carry-over of certain coccidiostats and histomonostats and consolidating Annexes I and II thereto](#)[Text with EEA relevance \(europa.eu\)](#).

EVM (2003) Safe Upper Levels for Vitamins and Minerals. [vitmin2003.pdf \(food.gov.uk\)](#).

FAO/WHO (1989) monograph on iodine. [661. Iodine \(WHO Food Additives Series 24\) \(inchem.org\)](#).

FAO/WHO (2000) Estradiol-17 $\beta$ , [962. Estradiol-17beta-, progesterone, and testosterone \(WHO Food Additives Series 43\) \(inchem.org\)](#) Toxicological evaluation of certain veterinary drug residues in food. Prepared by the fifty-second meeting of the Joint FAO/WHO Expert Committee on Food Additives." 43. Geneva.

FAO/WHO (2016) 'Safety evaluation of certain food additives and contaminants: Supplement 1, Non-dioxin-like polychlorinated biphenyls'. [v71s1je01.pdf \(inchem.org\)](#).

Farebrother, J., Zimmermann, M.B. and Andersson, M. (2019) [Excess iodine intake: sources, assessment, and effects on thyroid function - Farebrother - 2019 - Annals of the New York Academy of Sciences - Wiley Online Library](#) Annals of the New York Academy of Sciences, 1446(1), pp. 44–65. doi:10.1111/nyas.14041.

Fernandes, A. *et al.* (2012) Organic Environmental Contaminants in the 2012 Total Diet Study Samples. [Research report: Total Diet Study: dietary exposure to organic environmental contaminants \(food.gov.uk\)](#).

FSA (2016) Infant Metals Survey. [View PDF \(food.gov.uk\)](#).

Heudorf, U., Mersch-Sundermann, V. and Angerer, J. (2007) [Phthalates: Toxicology and exposure - ScienceDirect](#) International Journal of Hygiene and Environmental Health, 210(5), pp. 623–634. doi:10.1016/j.ijheh.2007.07.011.

Hill, N.I., Becanova, J. and Lohmann, R. (2021) [A sensitive method for the detection of legacy and emerging per- and polyfluorinated alkyl substances \(PFAS\) in dairy milk | SpringerLink](#) Analytical and Bioanalytical Chemistry [Preprint]. doi:10.1007/s00216-021-03575-2.

Höjer, A. *et al.* (2012) [Effects of feeding dairy cows different legume-grass silages on milk phytoestrogen concentration - Journal of Dairy Science](#) 95(8), pp. 4526–4540. doi:10.3168/jds.2011-5226.



Jin, M. *et al.* (2021) [Microplastics contamination in food and beverages: Direct exposure to humans - Jin - 2021 - Journal of Food Science - Wiley Online Library](#) Journal of Food Science, 86(7), pp. 2816–2837.

Kowalczyk, J. *et al.* (2013) [Absorption, Distribution, and Milk Secretion of the Perfluoroalkyl Acids PFBS, PFHxS, PFOS, and PFOA by Dairy Cows Fed Naturally Contaminated Feed | Journal of Agricultural and Food Chemistry \(acs.org\)](#) 61(12), pp. 2903–2912. doi:10.1021/jf304680j.

Kuhnle, G.G.C. *et al.* (2008) [Phytoestrogen Content of Foods of Animal Origin: Dairy Products, Eggs, Meat, Fish, and Seafood | Journal of Agricultural and Food Chemistry \(acs.org\)](#) 56(21), pp. 10099–10104. 10.1021/jf801344x.

Li, R. *et al.* (2014) 'Postweaning dietary genistein exposure advances puberty without significantly affecting early pregnancy in C57BL/6J female mice', Reproductive Toxicology (Elmsford, N.Y.), 44, pp. 85–92. doi:10.1016/j.reprotox.2013.12.003.

Malekinejad, H., Scherpenisse, P. and Bergwerff, A.A. [Naturally Occurring Estrogens in Processed Milk and in Raw Milk \(from Gestated Cows\) | Journal of Agricultural and Food Chemistry \(acs.org\)](#) (2006) 54(26), pp. 9785–9791. doi:10.1021/jf061972e.

McCarver, G. *et al.* (2011) 'NTP-CERHR expert panel report on the developmental toxicity of soy infant formula', Birth Defects Research Part B: Developmental and Reproductive Toxicology, 92(5), pp. 421–468. doi:10.1002/bdrb.20314. [NTP-CERHR expert panel report on the developmental toxicity of soy infant formula - McCarver - 2011 - Birth Defects Research Part B: Developmental and Reproductive Toxicology - Wiley Online Library](#).

Montgomery, H., Haughey, S.A. and Elliott, C.T. (2020) [Recent food safety and fraud issues within the dairy supply chain \(2015-2019\) - PubMed \(nih.gov\)](#) Global Food Security, 26, p. 100447. doi:10.1016/j.gfs.2020.100447.

NHS (2018) 'Drinks and cups for babies and young children'. (Accessed: 28 October 2021) Drinks and cups for babies and young children - NHS (www.nhs.uk).

Nordic Council of Ministers (2020) 'Soy intake and possible adverse health effects in Nordic children and pregnant women'. [temanord2020-532.pdf \(norden.org\)](#).

Nørskov, N.P. *et al.* (2019) Food Chemistry, [Concentrations of phytoestrogens in conventional, organic and free-range retail milk in England - PubMed \(nih.gov\)](#) 295, pp. 1–9. doi:10.1016/j.foodchem. 2019.05.081.

O’Kane, S.M. *et al.* (2018) [The Effect of Processing and Seasonality on the Iodine and Selenium Concentration of Cow's Milk Produced in Northern Ireland \(NI\): Implications for Population Dietary Intake - PubMed \(nih.gov\)](#) Nutrients, 10(3), p. 287. doi:10.3390/nu10030287.

Paludetti, L.F. *et al.* (2019) ‘Monitoring residue concentrations in milk from farm and throughout a milk powder manufacturing process’, Journal of Dairy Research. 2019/08/05 edn, 86(3), pp. 341–346. [Monitoring residue concentrations in milk from farm and throughout a milk powder manufacturing process | Journal of Dairy Research | Cambridge Core.](#)

Payling, L.M. *et al.* (2015) [Effect of milk type and processing on iodine concentration of organic and conventional winter milk at retail: implications for nutrition - PubMed \(nih.gov\)](#) Food Chemistry, 178, pp. 327–330. doi:10.1016/j.foodchem. 2015.01.091.

Pesticide Residues in Food (PRiF) (2015) ‘The expert committee on Pesticide Residues in Food (PRiF) Annual Report 2015’.[The expert committee on Pesticide Residues in Food \(PRiF\) Annual Report 2015 \(publishing.service.gov.uk\)](#)

Pesticide Residues in Food (PRiF) (2016) ‘The expert committee on Pesticide Residues in Food (PRiF) Annual Report 2016’.  
[assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/committee-pesticide-residues-food-annual-report-2016.pdf.](#)

Pesticide Residues in Food (PRiF) (2017) ‘The expert committee on Pesticide Residues in Food (PRiF) Annual Report 2017’. [The Expert Committee on Pesticide Residues in Food – Annual Report 2017 \(publishing.service.gov.uk\).](#)

Pesticide Residues in Food (PRiF) (2018) [The Expert Committee on Pesticide Residues in Food – Annual Report 2018 \(publishing.service.gov.uk\).](#)

Pesticide Residues in Food (PRiF) (2019) ‘The expert committee on Pesticide Residues in Food (PRiF) Annual Report 2019’. [PRiF Annual Report 2019 \(publishing.service.gov.uk\).](#)

Pesticide Residues in Food (PRiF) (2020) ‘The expert committee on Pesticide Residues in Food (PRiF) Annual Report 2020’. [Annual Report 2020](#)

[publishing.service.gov.uk](https://publishing.service.gov.uk)).

Ráduly, Z. et al. (2020) 'Toxicological and Medical Aspects of Aspergillus-Derived Mycotoxins Entering the Feed and Food Chain', *Frontiers in microbiology*, 10, pp. 2908–2908. doi:10.3389/fmicb.2019.02908. [Toxicological and Medical Aspects of Aspergillus-Derived Mycotoxins Entering the Feed and Food Chain - PubMed \(nih.gov\)](#).

Reijden, O.L. van der, Zimmermann, M.B. and Galetti, V. (2017) 'Iodine in dairy milk: Sources, concentrations and importance to human health', *Best Practice & Research Clinical Endocrinology & Metabolism*, 31(4), pp. 385–395. doi:10.1016/j.beem.2017.10.004. [Iodine in dairy milk: Sources, concentrations and importance to human health - PubMed \(nih.gov\)](#).

Roberts, C. et al. (2018) 'National Diet and Nutrition Survey Results from Years 7 and 8 (combined) of the Rolling Programme (2014/2015 – 2015/2016). [National Diet and Nutrition Survey \(publishing.service.gov.uk\)](#).

Scaglioni, P.T. et al. (2014) [Aflatoxin B<sub>1</sub> and M<sub>1</sub> in milk - PubMed \(nih.gov\)](#) *Analytica Chimica Acta*, 829, pp. 68–74. doi:10.1016/j.aca.2014.04.036.

SCVPH (2002) Opinion of the Scientific Committee on Veterinary Measures relating to Public Health on Review of previous SCVPH opinions of 30 April 1999 and 3 May 2000 on the potential risks to human health from hormone residues in bovine meat and meat products. [Opinion of the SCVPH \(europa.eu\)](#).

Socas-Rodríguez, B. et al. (2015) 'Core-shell polydopamine magnetic nanoparticles as sorbent in micro-dispersive solid-phase extraction for the determination of estrogenic compounds in water samples prior to high-performance liquid chromatography-mass spectrometry analysis', *Journal of chromatography A*, 1397, pp. 1–10. doi:10.1016/j.chroma.2015.04.010. [Journal of Chromatography A | ScienceDirect.com by Elsevier](#).

The Organisation for Economic Co-operation and Development (OECD) (2021) 'Reconciling Terminology of the Universe of Per- and Polyfluoroalkyl Substances: Recommendations and Practical Guidance'. [oecd.org/chemicalsafety/portal-perfluorinated-chemicals/terminology-per-and-polyfluoroalkyl-substances.pdf](https://oecd.org/chemicalsafety/portal-perfluorinated-chemicals/terminology-per-and-polyfluoroalkyl-substances.pdf).

Toussaint, B. et al. (2019) 'Review of micro- and nanoplastic contamination in the food chain', *Food Additives & Contaminants. Part A, Chemistry, Analysis, Control, Exposure & Risk Assessment*, 36(5), pp. 639–673. doi:10.1080/19440049.2019.1583381. [Full article: Review of micro- and](#)

[nanoplastic contamination in the food chain \(tandfonline.com\)](https://www.tandfonline.com).

Veterinary Medicines Directorate (VMD) (2014) 'Code of Practice on the responsible use of animal medicines on the farm'. [Code of Practice on the responsible use of animal medicines on the farm - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/274242/Code_of_Practice_on_the_responsible_use_of_animal_medicines_on_the_farm.pdf).

Veterinary Medicines Directorate (VMD) (2015) 'National statutory surveillance scheme for veterinary residues in animals and animal products: 2015'. [Microsoft Word - PCDOCS-#726877-v8-2015 Published Results Paper .doc \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/444242/PCDOCS-#726877-v8-2015_Published_Results_Paper.doc)

Veterinary Medicines Directorate (VMD) (2016) 'National statutory surveillance scheme for veterinary residues in animals and animal products: 2016'. [VETERINARY RESIDUES COMMITTEE \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/464242/VETERINARY_RESIDUES_COMMITTEE.pdf).

Veterinary Medicines Directorate (VMD) (2017) 'National statutory surveillance scheme for veterinary residues in animals and animal products: 2017'.

Veterinary Medicines Directorate (VMD) (2018). [National statutory surveillance scheme for veterinary residues in animals and animal products 2018 \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/484242/National_statutory_surveillance_scheme_for_veterinary_residues_in_animals_and_animal_products_2018.pdf).

Veterinary Medicines Directorate (VMD) (2019). [National statutory surveillance scheme for veterinary residues in animals and animal products 2019 \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/504242/National_statutory_surveillance_scheme_for_veterinary_residues_in_animals_and_animal_products_2019.pdf).

Veterinary Medicines Directorate (VMD) (2020) 'National statutory surveillance scheme for veterinary residues in animals and animal products: 2019'. [National statutory surveillance scheme for veterinary residues in animals and animal products: 2020 \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/524242/National_statutory_surveillance_scheme_for_veterinary_residues_in_animals_and_animal_products_2020.pdf)

Veterinary Products Committee (2006) Risks Associated with the Use of Hormonal Substances in Food-Producing Animals. [\[ARCHIVED CONTENT\] UK Government Web Archive - The National Archives](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/274242/ARCHIVED_CONTENT_UK_Government_Web_Archive_-_The_National_Archives.pdf)

Villarrubia-Gómez, P., Cornell, S.E. and Fabres, J. (2018) 'Marine plastic pollution as a planetary boundary threat - The drifting piece in the sustainability puzzle', Marine Policy, 96, pp. 213-220. [doi:10.1016/j.marpol.2017.11.035](https://doi.org/10.1016/j.marpol.2017.11.035).

Wogan, G.N., Paglialunga, S. and Newberne, P.M. (1974) 'Carcinogenic effects of low dietary levels of aflatoxin B1 in rats', Food and Cosmetics Toxicology, 12(5), pp. 681-685. [doi:10.1016/0015-6264\(74\)90239-9](https://doi.org/10.1016/0015-6264(74)90239-9).

Xiao, C.W. (2008) 'Health Effects of Soy Protein and Isoflavones in Humans', The Journal of Nutrition, 138(6), pp. 1244S-1249S. [doi:10.1093/jn/138.6.1244S](https://doi.org/10.1093/jn/138.6.1244S).