

### Maximum levels for total and inorganic arsenic, cadmium and lead in rice and rice products for various countries

Country	Regulatory Authorities	Maximum Level
Australia and New Zealand	Food Standard	1 mg/kg for <b>total As</b> (cereals) 0.1 mg/kg for <b>Cd</b> (rice) 0.2 mg/kg for <b>Pb</b> (cereals)
China	Ministry of Health (National Food Safety Standard; GB 2762-2012)	0.2 mg/kg <b>inorganic As</b> (paddy rice, brown rice, white rice) 0.2 mg/kg for <b>Pb</b> (rice) 0.2 mg/kg for <b>Cd</b> (paddy rice, brown rice, white rice)
Japan	Japan External Trade Organization	0.4 mg/kg for Cd (brown rice and polished rice)
Singapore	Agri-Food and Veterinary Authority	0.2 mg/kg (the new proposed maximum limit for inorganic As in polished rice)
UK	Food Standard Agency	1 mg/kg for <b>total As</b> (all food, not given ML specific). It was set before the carcinogenic nature of inorganic arsenic was known.
Joint FAO/WHO Food Standards Programme Codex Committee on Contaminants in Foods (1999)	Codex Alimentarius Commission, World Health Organization	0.35 mg/kg for <b>inorganic As</b> in unpolished rice 0.2 mg/kg for <b>inorganic As</b> in polished rice 0.4 mg/kg for <b>Cd</b> (rice polished) 0.2 mg/kg for <b>Pb</b> (cereal products)
European	Commission Regulation (EU)	0.2 mg/kg for <b>inorganic As</b> in polished or white rice 0.25 mg/kg for <b>inorganic As</b> in parboiled rice and husked rice 0.3 mg/kg for <b>inorganic As</b> in rice waffles, rice wafers, rice crackers and rice cakes 0.1 mg/kg for <b>inorganic As</b> in rice destined for the production of food for infants and young children

As = Arsenic; Cd = Cadmium; Pb = Lead

Modified from: [http://usriceproducers.com/files/362\\_2012.01\\_WHO.maximumlevelsforarsenic.pdf](http://usriceproducers.com/files/362_2012.01_WHO.maximumlevelsforarsenic.pdf) (page 8)

## References:

Australia New Zealand Food Standards Code - Standard 1.4.1 - Contaminants and Natural Toxicants (<https://www.legislation.gov.au/Details/F2013C00140>)

China - National Standard of the People's Republic of China (GB 2762-2012)

[http://www.seafish.org/media/publications/China\\_Max\\_levels\\_of\\_contaminants\\_in\\_food.pdf](http://www.seafish.org/media/publications/China_Max_levels_of_contaminants_in_food.pdf)

Japan - [https://www.jetro.go.jp/ext\\_images/en/reports/regulations/pdf/foodext2010e.pdf](https://www.jetro.go.jp/ext_images/en/reports/regulations/pdf/foodext2010e.pdf)

Singapore - Agri-Food and Veterinary Authority (AVA) of Singapore

<https://www.reach.gov.sg/~media/2015/public-consultations/ava/public-consultation-on-arsenic-limit-in-polished-rice.pdf>

UK – Food Standard Agency

<http://tna.europarchive.org/20120209120540/http://www.food.gov.uk/news/newsarchive/2009/may/arsenicinriceresearch>

CODEX - [ftp://ftp.fao.org/codex/meetings/CCCF/cccf5/cf05\\_INF.pdf](ftp://ftp.fao.org/codex/meetings/CCCF/cccf5/cf05_INF.pdf)

European Union <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32015R1006&from=EN>