

Colombia Resolucion 4506:2013 - food contaminant maximum levels

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<https://heavymetalcertified.com/regulations/colombia-resolucion-4506-2013-contaminants>. Retrieved 2026-09-27.

The instrument

This page records the heavy-metal maximum levels set by Colombia Resolucion 4506:2013 - food contaminant maximum levels, the instrument of Ministerio de Salud y Proteccion Social, 2014. Every value below is transcribed into the Heavy Metal Index register from the primary text and is the value an HMTc standard cites when this jurisdiction binds a certification limit. It is a record of law, not an HMTc threshold.

Transcribed into the Heavy Metal Index regulatory register from the primary text published by Ministerio de Salud y Proteccion Social; a direct primary-source URL is not tracked for this instrument.

Maximum levels

All values µg/kg (ppb), in the basis the instrument states. 42 maximum levels across 5 analytes and 35 product categories, grouped by analyte and ordered by limit.

LIMIT MG/KG	BASIS	PRODUCT SCOPE	PROVISION
LEAD (PB) 20 LIMITS			
10	as consumed	natural mineral waters	Article 3 table row 11.19
20	ready-to-consume (as sold or reconstituted per manufacturer instructions)	infant formula and follow-on formula	Article 3 table row 11.2 with footnote 2
20	fresh weight	raw milk, heat-treated milk, and milk for dairy-product manufacture	Article 3 table row 11.1
50	fresh weight; reconstituted where applicable	fruit juices, reconstituted concentrated fruit juices, and fruit nectars	Article 3 table row 11.11
100	fresh weight	dairy fat	Article 3 table row 11.10

LIMIT MG/KG	BASIS	PRODUCT SCOPE	PROVISION
100	fresh weight	fruits excluding berries and small fruits	Article 3 table row 11.8 with footnotes 14 and 15
100	fresh weight	meat of bovine, ovine, swine, and poultry, excluding fresh non-carcaass meat, offal, and blood	Article 3 table row 11.3
100	fresh weight	vegetables excluding Brassica, leafy vegetables, fresh herbs, mushrooms, and seaweed; potatoes after peeling	Article 3 table row 11.6 with footnote 14
200	fresh weight	berries and small fruits	Article 3 table row 11.9 with footnotes 14 and 15
200	fresh weight	green legumes, cereals, and dried legumes	Article 3 table row 11.5
300	fresh weight	Brassica vegetables, leafy vegetables, Agaricus bisporus, Pleurotus ostreatus, and Lentinula edodes mushrooms	Article 3 table row 11.7 with footnote 14
500	fresh weight	fresh non-carcaass meat, offal, and blood of bovine, ovine, swine, and poultry	Article 3 table row 11.4
1000	product as placed on market	canned chestnuts and canned chestnut puree	Article 3 table row 11.13
1000	product as placed on market	canned fruit cocktail	Article 3 table row 11.16
1000	product as placed on market	canned strawberries, raspberries, and pineapple	Article 3 table row 11.18
1000	product as placed on market	canned tropical fruits	Article 3 table row 11.15
1000	product as placed on market	mango hot sauce and canned mangoes	Article 3 table row 11.12
1000	product as placed on market	pickled cucumbers	Article 3 table row 11.14
1000	product as placed on market	table olives	Article 3 table row 11.17
2000	product as placed on market	food-grade salt	Article 3 table row 11.20
TOTAL ARSENIC (TAS) 2 LIMITS			
10	as consumed	natural mineral waters	Article 3 table row 9.1
500	product as placed on market	food-grade salt	Article 3 table row 9.2
CADMIUM (CD) 13 LIMITS			
3	as consumed	natural mineral waters	Article 3 table row 12.12
50	fresh weight	meat of bovine, ovine, swine, and poultry, excluding fresh non-carcaass meat, offal, and blood	Article 3 table row 12.1

LIMIT MG/KG	BASIS	PRODUCT SCOPE	PROVISION
50	fresh weight	vegetables and fruits excluding leafy vegetables, fresh herbs, Brassica leafy vegetables, mushrooms, young stems, root and tuber vegetables, and seaweed	Article 3 table row 12.8 with footnotes 14 and 15
100	fresh weight	cereals excluding bran, germ, wheat, and rice	Article 3 table row 12.5
100	fresh weight	young stems and root or tuber vegetables excluding celeriac; potatoes after peeling	Article 3 table row 12.9 with footnote 14
200	fresh weight	bran, germ, wheat, and rice	Article 3 table row 12.6
200	fresh weight	horse meat excluding fresh non-car cass meat, offal, and blood	Article 3 table row 12.2
200	fresh weight	leafy vegetables, fresh herbs, Brassica leafy vegetables, celeriac, Agaricus bisporus, Pleurotus ostreatus, and Lentinula edodes mushrooms	Article 3 table row 12.10 with footnote 14
200	fresh weight	soybeans	Article 3 table row 12.7
500	product as placed on market	food-grade salt	Article 3 table row 12.13
500	fresh weight	liver of bovine, ovine, swine, poultry, and horses	Article 3 table row 12.3
1000	fresh weight	kidneys of bovine, ovine, swine, poultry, and horses	Article 3 table row 12.4
1000	fresh weight	mushrooms excluding Agaricus bisporus, Pleurotus ostreatus, and Lentinula edodes	Article 3 table row 12.11 with footnote 14
MERCURY, TOTAL (THG) 2 LIMITS			
1	as consumed	natural mineral waters	Article 3 table row 10.1
100	product as placed on market	food-grade salt	Article 3 table row 10.2
TIN (SN) 5 LIMITS			
50000	product as marketed	canned dietary foods for infants, including infant formula, except dehydrated and powdered products	Article 3 table row 13.3 with footnote 16
50000	fresh weight	cured and cooked bovine or swine meats in contact with non-tinplate packaging	Article 3 table row 13.5 with footnote 18
100000	fresh weight	canned beverages, including fruit and vegetable juices	Article 3 table row 13.2
200000	product as placed on market	canned foods other than beverages	Article 3 table row 13.1
200000	fresh weight	cured and cooked bovine or swine meats packaged in tinplate	Article 3 table row 13.4 with footnote 17

BASIS Values appear in the basis the instrument states; no conversion is applied on this page. A standard citing a value in a different basis discloses the conversion on its own derivation table.

Where HMTc cites it

Cells where this instrument holds the strictest government value in force among credible regulators, and therefore binds a published HMTc limit.

NO PUBLISHED STANDARD IS BOUND BY THIS INSTRUMENT YET

A limit recorded above binds nothing today only because another government holds a stricter value for every published cell. It may still bind later, as other jurisdictions relax or as a new subcategory is published.

How this interacts with HMTc

HMTc certification standards adopt the *strictest existing* maximum level set by any credible government, applied cell-by-cell. Where this instrument holds the strictest value for a (product, analyte) cell, it binds the HMTc limit and the standard cites this page. This page does not set or justify any HMTc threshold; it records the sovereign requirement the program measures against.

A reference page is a record of law, not an HMTc threshold. It states what a government requires; the standard page states what the program requires, and names which instrument binds each cell.