

PHYSICAL AND CHEMICAL STANDARDS FOR DRINKING WATER

(Source: Regulation respecting the quality of drinking water)

Inorganic substances	Maximum concentration (mg/L)
Arsenic (As)	0.025
Barium (Ba)	1
Boron (B)	5
Bromates	0.010
Cadmium (Cd)	0.005
Chloramines	3
Free residual chlorine	0.3* (treatment outlet)
Total chromium (Cr)	0.05
Cyanides (CN)	0.2
Fluorides (F)	1.5
Nitrates + nitrites (expressed as N)	10
Mercury (Hg)	0.001
pH	Between 6.5 and 8.5
Lead (Pb)	0.01
Selenium (Se)	0.01
Turbidity	0.5 NTU (filtered water)
Uranium (U)	0.02

* Minimum value

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Pesticides	Maximum concentration (μ g/L)
Atrazine and its metabolites	5
Azinphos-methyl	20
Bromoxynil	5
Carbaryl	90
Carbofuran	90
Chlorpyrifos	90
Cyanazine	10
Diazinon	20
Dicamba	120
2,4-dichlorophenoxyacetic acid (2,4-D)	100
Dimethoate	20
Diquat	70
Diuron	150
Glyphosate	280
Malathion	190
Methoxychlor	900
Metolachlor	50
Metribuzin	80
Paraquat (in dichlorides)	10
Parathion	50
Phorate	2
Picloram	190
Simazine	10
Terbufos	1
Trifluralin	45

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Other organic substances	Maximum concentration (μ g/L)
Benzene	5
Benzo(a)pyrene	0.01
Vinyl chloride	2
1,1-dichloroethylene	14
1,2-dichlorobenzene	200
1,4-dichlorobenzene	5
1,2-dichloroethane	5
Dichloromethane	50
2,4-dichlorophenol	900
Monochlorobenzene	80
Pentachlorophenol	60
Tetrachloroethylene	30
2,3,4,6-tetrachlorophenol	100
Carbon tetrachloride	5
2,4,6-trichlorophenol	5
Trichloroethylene	50