

Table 1. Microbiological and chemical requirements and recommendations for packaged domestic water (including spring water)

Examined parameter	Quality requirement Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (tables 1-3)	Quality recommendation Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (table 4)	Additional requirements for domestic water sold in bottles or containers Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 5)	Additional recommendations for domestic water sold in bottles or containers Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 6)	Quality requirement Decree of the Ministry of Agriculture and Forestry 166/2010 microbiological quality during marketing (reference value)	Quality requirement 2009/54/EC, Article 5 at source and during marketing	Constituents naturally present in natural mineral waters and maximum limits which, if exceeded, may pose a risk to public health 2003/40/EC, Annex 1	Maximum limits for residues from treatment of natural mineral waters and spring waters by ozone-enriched air Directive 2003/40/EC, Annex III
	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Packaged natural mineral water, domestic water and spring water	Natural mineral water and spring water	Natural mineral water at packaging	Natural mineral water and spring water at packaging
Microbiological parameters								
	No micro-organisms, parasites or constituents harmful to health					No parasites or pathogens		
E. coli	0 pmy/100 ml		0 pmy/250 ml			0 pmy/250 ml		
Enterococci	0 pmy/100 ml		0 pmy/250 ml					
Pseudomonas aeruginosa			0 pmy/250 ml			0 pmy/250 ml		
Colony counts 22 °C 72 h		no abnormal changes	100 pmy/ml		50,000 pmy/ml (during marketing)	Before bottling - 20 pmy/ml After bottling ** - 100 pmy/ml		

* See one note in the Decree

* See two notes in the Decree

*** EFSA Opinion; limits for boron and fluoride in natural mineral waters (Question No EFSA-Q-2003-21), Adopted on 22 June 2005

Table 1. Microbiological and chemical requirements and recommendations for packaged domestic water (including spring water)

Examined parameter	Quality requirement Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (tables 1-3)	Quality recommendation Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (table 4)	Additional requirements for domestic water sold in bottles or containers Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 5)	Additional recommendations for domestic water sold in bottles or containers Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 6)	Quality requirement Decree of the Ministry of Agriculture and Forestry 166/2010 microbiological quality during marketing (reference value)	Quality requirement 2009/54/EC, Article 5 at source during marketing	Constituents naturally present in natural mineral waters and maximum limits which, if exceeded, may pose a risk to public health 2003/40/EC, Annex 1	Maximum limits for residues from treatment of natural mineral waters and spring waters by ozone-enriched air Directive 2003/40/EC, Annex III
	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Packaged natural mineral water, domestic water and spring water	Natural mineral water and spring water	Natural mineral water at packaging	Natural mineral water and spring water at packaging
Colony counts 37 °C 24 h			20 pmy/ml		50,000 pmy/ml (during marketing)	Before bottling - 5 pmy/ml After bottling ** - 20 pmy/ml		
Coliform bacteria		0 pmy/100 ml		0 pmy/250 ml		0 pmy/250 ml		
Cl. Perfringens *		0 pmy/100 ml						
Spore-forming sulphite-reducing clostridia						0 pmy/50 ml		
Faecal streptococci						0 pmy/250 ml		
parameters								
Acrylamide *	0.1 µg/l					0.1 µg/l		

* See one note in the Decree

* See two notes in the Decree

*** EFSA Opinion; limits for boron and fluoride in natural mineral waters (Question No EFSA-Q-2003-21), Adopted on 22 June 2005

Table 1. Microbiological and chemical requirements and recommendations for packaged domestic water (including spring water)

Examined parameter	Quality requirement Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (tables 1-3)	Quality recommendation Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (table 4)	Additional requirements for domestic water sold in bottles or containers Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 5)	Additional recommendations for domestic water sold in bottles or containers Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 6)	Quality requirement Decree of the Ministry of Agriculture and Forestry 166/2010 microbiological quality during marketing (reference value)	Quality requirement 2009/54/EC, Article 5 at source during marketing	Constituents naturally present in natural mineral waters and maximum limits which, if exceeded, may pose a risk to public health 2003/40/EC, Annex 1	Maximum limits for residues from treatment of natural mineral waters and spring waters by ozone-enriched air Directive 2003/40/EC, Annex III
	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Packaged natural mineral water, domestic water and spring water	Natural mineral water and spring water	Natural mineral water at packaging	Natural mineral water and spring water at packaging
Antimony	5 µg/l					5 µg/l	5 µg/l	
Arsenic	10 µg/l					10 µg/l	10 µg/l	
Barium							1.0 mg/kg	
Benzene	1.0 µg/l					1.0 µg/l		
Benzopyrene	0.01, µg/l					0.01, µg/l		
Boron	1.0 mg/l					1.0 mg/l	1.5 mg/l***	
Bromate *	10 µg/l					10 µg/l		
1,2-dichloroethane	3.0 µg/l					3.0 µg/l		
Mercury	1.0 µg/l					1.0 µg/l	1.0 µg/l	
Epichlorohydrin *	0.1 µg/l					0.1 µg/l		
Fluoride	1.5 mg/l					1.5 mg/l	5.0 mg/l	
Cadmium	5.0 µg/l					5.0 µg/l	3.0 µg/l	
Chlorophenols total *	10 µg/l					10 µg/l		
Chrome	50 µg/l					50 µg/l	50 µg/l	
Copper *	2.0 mg/l					2.0 mg/l	1.0 mg/l	
Lead *	10 µg/l					10 µg/l		

* See one note in the Decree

* See two notes in the Decree

*** EFSA Opinion; limits for boron and fluoride in natural mineral waters (Question No EFSA-Q-2003-21), Adopted on 22 June 2005

Table 1. Microbiological and chemical requirements and recommendations for packaged domestic water (including spring water)

Examined parameter	Quality requirement Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (tables 1-3)	Quality recommendation Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (table 4)	Additional requirements for domestic water sold in bottles or containers Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 5)	Additional recommendations for domestic water sold in bottles or containers Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 6)	Quality requirement Decree of the Ministry of Agriculture and Forestry 166/2010 microbiological quality during marketing (reference value)	Quality requirement 2009/54/EC, Article 5 at source during marketing	Constituents naturally present in natural mineral waters and maximum limits which, if exceeded, may pose a risk to public health 2003/40/EC, Annex 1	Maximum limits for residues from treatment of natural mineral waters and spring waters by ozone-enriched air Directive 2003/40/EC, Annex III
	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Packaged natural mineral water, domestic water and spring water	Natural mineral water and spring water	Natural mineral water at packaging	Natural mineral water and spring water at packaging
Nickel *	20 µg/l					20 µg/l	20 µg/l	
Nitrate (NO ₃ ⁻) *	50 mg/l					50 mg/l	50 mg/l	
Nitrite (NO ₂ ⁻) *	0.5 mg/l					0.5 mg/l	0.1 mg/l	
Polycyclic aromatic hydrocarbons *	0.1 µg/l					0.1 µg/l		
Selenium	10 µg/l					10 µg/l	10 µg/l	
Cyanides	50 µg/l					50 µg/l	70 µg/l	
Tetrachloroethylene and trichloroethylene total	10 µg/l					10 µg/l		
Pesticides **	0.1 µg/l					0.1 µg/l		
Pesticides total **	0.50 µg/l					0.50 µg/l		
Trihalomethanes total**	100 µg/l					100 µg/l		

* See one note in the Decree

* See two notes in the Decree

*** EFSA Opinion; limits for boron and fluoride in natural mineral waters (Question No EFSA-Q-2003-21), Adopted on 22 June 2005

Table 1. Microbiological and chemical requirements and recommendations for packaged domestic water (including spring water)

Examined parameter	Quality requirement Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (tables 1-3)	Quality recommendation Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (table 4)	Additional requirements for domestic water sold in bottles or containers Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 5)	Additional recommendations for domestic water sold in bottles or containers Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 6)	Quality requirement Decree of the Ministry of Agriculture and Forestry 166/2010 microbiological quality during marketing (reference value)	Quality requirement 2009/54/EC, Article 5 at source during marketing	Constituents naturally present in natural mineral waters and maximum limits which, if exceeded, may pose a risk to public health 2003/40/EC, Annex 1	Maximum limits for residues from treatment of natural mineral waters and spring waters by ozone-enriched air Directive 2003/40/EC, Annex III
	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Packaged natural mineral water, domestic water and spring water	Natural mineral water and spring water	Natural mineral water at packaging	Natural mineral water and spring water at packaging
Uranium	30 µg/l					30 µg/l		
Vinyl chloride	0.50 µg/l					0.50 µg/l		
Organic carbon total (TOC)		no abnormal changes						
pH		6,5-9,5		4,5-9,5				
Smell and taste		no abnormal changes						
Opacity		no abnormal changes						
Colour		no abnormal changes						
Aluminium		200 µg/l						
Ammonium (NH ₄ ⁺)		0.50 mg/l						

* See one note in the Decree

* See two notes in the Decree

*** EFSA Opinion; limits for boron and fluoride in natural mineral waters (Question No EFSA-Q-2003-21), Adopted on 22 June 2005

Table 1. Microbiological and chemical requirements and recommendations for packaged domestic water (including spring water)

Examined parameter	Quality requirement Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (tables 1-3)	Quality recommendation Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 1 (table 4)	Additional requirements for domestic water sold in bottles or containers Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 5)	Additional recommendations for domestic water sold in bottles or containers Decree of the Ministry of Social Affairs and Health 1352/2015, Annex 1, par. 2 (table 6)	Quality requirement Decree of the Ministry of Agriculture and Forestry 166/2010 microbiological quality during marketing (reference value)	Quality requirement 2009/54/EC, Article 5 at source during marketing	Constituents naturally present in natural mineral waters and maximum limits which, if exceeded, may pose a risk to public health 2003/40/EC, Annex 1	Maximum limits for residues from treatment of natural mineral waters and spring waters by ozone-enriched air Directive 2003/40/EC, Annex III
	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Domestic water and spring water	Packaged natural mineral water, domestic water and spring water	Natural mineral water and spring water	Natural mineral water at packaging	Natural mineral water and spring water at packaging
Oxidation (CODMnO2) *		5.0 mg/l						
Chloride **		250 mg/l						
Manganese		50 µg/l					0.5 mg/l	
Sodium		200 mg/l						
Iron		200 µg/l						
Radon **		300 Bq/l						
Sulphate **		250 mg/l						
Electrical conductivity *		under 2500 µS/cm						
Dissolved ozone								50 µg/l
Bromates *								3 µg/l
Bromoforms								1 µg/l

* See one note in the Decree

* See two notes in the Decree

*** EFSA Opinion; limits for boron and fluoride in natural mineral waters (Question No EFSA-Q-2003-21), Adopted on 22 June 2005

