

Guidelines for bacteria in dental unit water lines in selected countries

Country	Total viable count 22°C	Total viable count 37°C	Legionella	Pseudomonas	Comment	Comment
Denmark	-	< 500 CFU/ml	< 100 ^a CFU/l	-	Nationale infektionshygiejne-regler (NIR)	Statens Serum Institut
Sweden	-	< 100 CFU/ml	^b	-	SLVFS 2001, EU guidelines 1998, -Smittrisker och hygien i tandvården	Livsmedelsverket -Svensk Förening för vårdhygien
Germany	-	< 100 CFU/ml	< 1 CFU/ml (< 1000 CFU/l)	-	RKI Richtlinien Published in Bundesgesundheitsblatt	Kommission für Krankenhaus hygiene und Infektionsprävention beim Robert Koch-Institut
France	< 100 ^c CFU/ml (<1000)	< 10 ^c CFU/ml (<100)	-	< 1 CFU/100 ml	Guide de prevention des infections liees aux soin en chirurgie dentaire et en stomalogie	Ministere de la Sante et des Solidarites
UK	< 100 ^d CFU/ml	< 20 ^d CFU/ml	-	-	Decontamination Health Technical Memorandum 01-05: Decontamination in primary care dental practices 2013 edition	Department of Health
Holland	-	< 200 CFU/ml	-	-		
Italy	na	na	na	na	na	na
USA	-	< 200 CFU/ml < 500 CFU/ml	-	-		-American Dentist Association (ADA) -Center of disease control (CDC)
Japan	-	< 500 CFU/ml	-	-		

a) Only the species "Legionella pneumophila"

b) Only tested if limit for total viable count is exceeded

c) The numbers corresponding to the national standard for drinking water quality, and are allowed being up to 10 times higher at point of use (after the instruments)

d) In compliance with the European Union's drinking water standard