Physicochemical in Water for Human Consumption

Methods and Limits according to the CAA - ANMAT

Essays:	*Test methods:*	*CAA-ANMAT limit:* [a]	*Accreditation ISO-17025 OAA*
Turbidity	**SM 2130 B:2017**	Max 3.0 NTU	-
Color	**SM 2120 B:2017**	Max 5 U.C.	-
Odor	**Sensory**		-
pH	**SM 4500 H^+ B: 2017**	6.5 - 8.5 upH	-
Ammonia /Ammonium (NH4+)	**SM 4500 NH_3 F:2017**	Max 0.20 mg/L	-
Chlorides (Cl^-)	**SM 4500 Cl^- B:2017** **SM 4110 B:2017**	Max 350 mg/L	-
Total Hardness ($CaCO_3$)	**SM 2340 C:2017**	Max 400 mg/L	-
Fluoride (F^-)	**SM 4500 F^-:2017** **SM 4110 B:2017**	(0.70 - 1.20) mg/L	-
Nitrates (NO_3^-)	**SM 4500 NO_3 B:2017** **SM 4110 B:2017**	Max 45.0 mg/L	-
Nitrites (NO_2^-)	**SM 4500 NO_2 B:2017** **SM 4110 B:2017**	Max 0.10 mg/L	-
Total Dissolved Solids	**SM 2540 C:2017**	Max 1500 mg/L	-
Sulfates	**SM 4500 SO_4^{2-} E:2017** **SM 4110 B:2017**	Max 400 mg/L	-
Residual Free Chlorine	**SM 4500 Cl G:2017**	Mín 0.2 mg/L	-
Metals:			
Aluminium	**SM 3125:2017**	Max 0.2 mg/L	✓
Antimony	**SM 3125:2017**	Max 0.02 mg/L	-
Arsenic	**SM 3125:2017**	Max 0.01 mg/L	✓
Boron	**SM 3125:2017**	Max 0.5 mg/L	✓
Cadmium	**SM 3125:2017**	Max 0.005 mg/L	✓
Zinc	**SM 3125:2017**	Max 5.0 mg/L	✓
Copper	**SM 3125:2017**	Max 1.00 mg/L	✓
Chromium	**SM 3125:2017**	Max 0.05 mg/L	✓
Iron	**SM 3125:2017**	Max 0.30 mg/L	✓
Manganese	**SM 3125:2017**	Max 0.10 mg/L	✓

Mercury	**SM 3125:2017**	Max 0.001 mg/L	✓
Nickel	**SM 3125:2017**	Max 0.02 mg/L	✓
Silver	**SM 3125:2017**	Max 0.05 mg/L	-
Lead	**SM 3125:2017**	Max 0.05 mg/L	✓
Selenium	**SM 3125:2017**	Max 0.01 mg/L	-

(a) Argentine regulations valid for water for human consumption, according to Art 982 Chapter VII of the CAA-ANMAT.