

Analysis: Quantitative
Package: Inorganic Chemicals

Chemical	WHO guideline ^a (µg/L) ^b	SANS241 ^c (µg/L) ^b
F ⁻	1.5 mg/L	1 mg/L
NO ₂ ⁻	3 mg/L	10 mg/L (NO ₂ ⁻ plus NO ₃ ⁻)
Br	10	NS ^d
NO ₃ ⁻	50 mg/L	10 mg/L (NO ₂ ⁻ plus NO ₃ ⁻)
Hg	6	1
Ba	700	NS ^d
B	500	NS ^d
As	10	10
Cd	3	5
Cr	50	100
Cu	2 mg/L	1000
Mn	400	100
Mo	70	NS ^d
Ni	70	150
Pb	10	20
Sb	20	10
Se	10	20
U	15	NS ^d
CN ⁻ (total)	70	50
Chlorine (free)	5 mg/L	200 mg/L
^a As published in WHO Guidelines for drinking-water quality, third edition .		
^b units are µg/L unless specified otherwise		
^c As published in SANS 241:2006 (Edition 6.1)		
^d NS = not specified		