

Analysed Parameters	Before	After	Rec. Standard Value
Sensory Parameters			
Odour	odourless	odourless	
Colouring/Aspect	colourless, clear	colourless, clear	
Physico-chemical Parameters			
pH	7.7	7.7	≥ 6.5 and ≤ 9.5
Electrolytic conductivity (at 20 °C)	1308 µS/cm	524 µS/cm	< 2500 µS/cm
Water hardness	17.1 °dH	9.6 °dH	
Kations			
Calcium (Ca)	87.3 mg/l	51.7 mg/l	
Magnesium (Mg)	21.2 mg/l	10.1 mg/l	
Sodium (Na)	123.5 mg/l	21.78 mg/l	200 mg/l
Potassium (K)	21.76 mg/l	22.59 mg/l	
Anions			
Chloride (Cl)	227.2 mg/l	29 mg/l	250 mg/l
Nitrate (NO ₃)	10.7 mg/l	2.5 mg/l	50 mg/l
Sulphate (CO ₄)	118.3 mg/l	101.6 mg/l	250 mg/l
Fluoride (F)	< 0.5 mg/l	< 0.5 mg/l	1.5 mg/l
Phosphate (PO ₄)	< 0.5 mg/l	< 0.5 mg/l	
Hydrogen carbonate (HCO ₃)	440.2 mg/l	91 mg/l	
Heavy metals and micro elements			
Aluminium (Al)	0.01 mg/l	0.01 mg/l	0.2 mg/l
Iron (Fe)	0.07 mg/l	0.01 mg/l	0.2 mg/l
Manganese (Mn)	0.006 mg/l	0.013 mg/l	0.05 mg/l
Copper (Cu)	1.44 mg/l	0.02 mg/l	2 mg/l
Zinc (Zn)	0.13 mg/l	< 0.05 mg/l	
Lead (Pb)	< 0.002 mg/l	< 0.002 mg/l	0.01 mg/l
Lithium (Li)	0.011 mg/l	0.008 mg/l	
Molybdenum (Mo)	< 0.005 mg/l	< 0.005 mg/l	
Cadmium (Cd)	< 0.001 mg/l	< 0.001 mg/l	0.005 mg/l
Chromium (Cr)	< 0.005 mg/l	< 0.005 mg/l	0.05 mg/l
Nickel (Ni)	0.01 mg/l	< 0.005 mg/l	0.02 mg/l

Date of analysis: 18/04/2016
Date of sampling: 16/03/2016
Place of sampling: 08009 Barcelona
Type of sampling: 4-5 minutes after opening faucet, public water

Find the original results document in German language here:

https://tappwater.co/wp-content/uploads/2016/06/WCA-1396_2016_filtered_tap.pdf

https://tappwater.co/wp-content/uploads/2016/06/WCA-1394_2016_unfiltered_tap.pdf