

Water parameters OXY-3

the water parameters

parameter	limit values (NoviNato)	lesgislation (Flanders/Belgium)	<i>average result* update 2022 05 01</i>
free available chlorine (mg/l)	0,20 – 0,40	0,2** – 1,5	<i>0,30 (range 0,20 – 0,45)</i>
bound chlorine (mg/l)	< 0,3	< 0,6	<i>0,16 (range < 0,05 – 0,22)</i>
pH	6,9 – 7,2	7,0 – 7,6	<i>7,11 (range 7,00 – 7,20)</i>
redox (mV)	> 700		<i>735 (range 700 – 785)</i>
copper (mg/l)	0,2 – 0,5	< 0,8	<i>0,325 (range 0,150 – 0,553)</i>
bicarbonate (mg/l)	150 – 250	> 60	<i>98 (range 70 -189)</i>
conductivity (µS/cm)	< 2000	< 3200	<i>1051 (range 1250-1980)</i>
THM air (µg/m ³)	< 150	300 (500)	<i>103 (range 70 – 144)</i>
chlorate (mg/l ClO ₃)	< 10	< 30 (DIN)	<i>8,22 (range 2,55 – 12,70)</i>

*The results are based on data in 13 low chlorine public swimming pools. Seven low chlorine systems were installed in a renovation project, six in a new construction; in 25m sports pools, instructional pools and recreational pools.

**the limit of 0,2 mg/l is only allowed when using the OXY-3 system.

