

VWA Report

Company: Dunea
Location: Scheveningen
Name: Drinking water
Measurement data: 2e quarter 2021

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Parameter	Unit	minimum	average	maximum	norm DWB minimum	norm DWB maximum
Aluminium	µg/l	2.0	2.0	2.0		200
Arsenic	µg/l	1.6	1.8	1.9		10
Boron	mg/l	0.045	0.045	0.045		0.5
Calcium	mg/l	42.31	43.41	44.97		
Chloride	mg/l	49	51	52		150**
Carbon Dioxide	mg/l	0.9	1.1	1.5		
Carbonate	mg/l	<5	6	8		
Copper	µg/l	0.5	0.5	0.5		
Conductivity at 20°C	mS/m	48.8	50.1	50.9		<125
Fluoride	mg/l	0.17	0.18	0.19		1.0
Iron	mg/l	<0.005	<0.005	<0.005		0.2
Turbidity	FTE	<0.03	<0.03	0.08		1
Odour (qualitative)		Absent	Absent	Absent		****
Bicarbonate	mg/l	167	171	174	>60	
Mercury	µg/l	<0.01	<0.01	<0.01		1.0
Total hardness 1*	mmol/l	1.37	1.42	1.47	>1	
Colour	mg/l Pt	3	4	5		20
Magnesium	mg/l	7.71	8.16	8.48		
Manganese	mg/l	<0.005	<0.005	<0.005		0.05
Sodium	mg/l	54.9	54.9	54.9		150
Ammonium	mg/l NH4	<0.02	<0.02	<0.02		0.2
Nitrite	mg/l NO2	<0.007	<0.007	<0.007		0.1
Nitrate	mg/l NO3	5.52	6.21	6.83		50
Oxygen, dissolved	mg/l	10.2	10.2	10.2	>2	
Lead	µg/l	<0.2	<0.2	<0.2		10
Hydrogen ion concentration	pH	8.35	8.48	8.55	7.0	9.5
Orthophosphate	mg/l PO4	0.15	0.15	0.15		
Selenium	µg/l	<0.5	<0.5	<0.5		10
Saturation index, calculated	pH	0.54	0.66	0.73	> -0.2	
Taste (qualitative)		Absent	Absent	Absent		****
Sulphate	mg/l	45.6	46.7	48.1		150

Temperature	°C	10.3	10.7	11.9		25
Total Organic Carbon	mg/l	1.54	1.54	1.54		****
Aeromonas	kve/100 ml	0	0	0		1000
Coliform bacteria 37°C	kve/100 ml	0	0	0		0
Clostridium perfringens	kve/100 ml	0	0	0		0
Enterococcus	kve/100 ml	0	0	0		0
Colony count (22 °C)	kve/ml	0	0	0		100***
Legionella	kve/l	<100	<100	<100		<100

1* °D = Tot hard. x 5.6 ** norm annual average *** geometric norm annual average **** no abnormal change