

VWA Report

Company: Dunea
Location: Scheveningen
Name: Drinking water
Measurement data: 1e quarter 2021

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Parameter	Unit	minimum	average	maximum	norm DWB minimum	norm DWB maximum
Aluminium	µg/l	2.5	2.5	2.5		200
Arsenic	µg/l	1.9	2.5	3.1		10
Boron	mg/l	0.045	0.045	0.045		0.5
Calcium	mg/l	41.16	42.48	44.06		
Chloride	mg/l	52	55	57		150**
Carbon Dioxide	mg/l	0.8	1.0	1.2		
Carbonate	mg/l	<5	6	10		
Copper	µg/l	0.7	0.7	0.7		
Conductivity at 20°C	mS/m	50.4	51.2	51.7		<125
Fluoride	mg/l	0.15	0.17	0.18		1.0
Iron	mg/l	<0.005	<0.005	<0.005		0.2
Turbidity	FTE	<0.03	<0.03	<0.03		1
Odour (qualitative)		Absent	Absent	Absent		****
Bicarbonate	mg/l	166	173	180	>60	
Mercury	µg/l	<0.01	<0.01	<0.01		1.0
Total hardness 1*	mmol/l	1.35	1.40	1.47	>1	
Colour	mg/l Pt	5	5	6		20
Magnesium	mg/l	7.93	8.32	8.85		
Manganese	mg/l	<0.005	<0.005	<0.005		0.05
Sodium	mg/l	56.5	56.5	56.5		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	4.54	5.80	6.88		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	8.42	8.50	8.57	7.0	9.5
Orthophosphate	mg/l PO4	0.16	0.16	0.16		
Selenium	µg/l	<0.5	<0.5	<0.5		10
Saturation index, calculated	pH	0.62	0.69	0.75	> -0.2	
Taste (qualitative)		Absent	Absent	Absent		****
Sulphate	mg/l	46.4	47.8	48.8		150

Temperature	°C	10.6	11.6	12.7		25
Total Organic Carbon	mg/l	2.06	2.06	2.06		****
Aeromonas	kve/100 ml	0	1	2		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	1	2		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