

VWA Report

Company: Dunea
Location: Scheveningen
Name: Drinking water
Measurement data: 3th quarter 2021

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Parameter	Unit	minimum	average	maximum	norm DWB minimum	norm DWB maximum
Aluminium	µg/l	3.5	3.5	3.5		200
Arsenic	µg/l	1.9	2.0	2.1		10
Boron	mg/l	0.046	0.046	0.046		0.5
Calcium	mg/l	41.04	42.04	42.90		
Chloride	mg/l	47	47	47		150**
Carbon Dioxide	mg/l	1.0	1.2	1.4		
Carbonate	mg/l	<5	<5	6		
Copper	µg/l	0.7	0.7	0.7		
Conductivity at 20°C	mS/m	45.8	47.5	49.0		<125
Fluoride	mg/l	0.22	0.23	0.25		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	165	169	172	>60	
Mercury	µg/l	<0.01	<0.01	<0.01		1.0
Total hardness 1*	mmol/l	1.33	1.37	1.40	>1	
Total hardness	°D	7.4	7.7	7.8	>5.6	
Colour	mg/lPt	4	5	6		20
Magnesium	mg/l	7.32	7.79	8.35		
Manganese	mg/l	<0.005	<0.005	<0.005		0.05
Sodium	mg/l	50.7	50.7	50.7		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	3.15	3.71	4.52		50
Oxygen, dissolved	mg/l	9.8	9.8	9.8	>2	
Lead	µg/l	<0.2	<0.2	<0.2		10
Hydrogen ion concentration	pH	8.27	8.37	8.42	7.0	9.5
Orthophosphate	mg/l PO4	0.12	0.12	0.12		
Selenium	µg/l	<0.5	<0.5	<0.5		10
Saturation index, calculated	pH	0.51	0.59	0.66	>-0.2	
Taste (qualitative)		Absent	Absent	Absent		****

Sulphate	mg/l	42.9	44.7	45.8		150
Temperature	°C	12.0	14.0	15.6		25
Total Organic Carbon	mg/l	1.93	1.93	1.93		****
Aeromonas	kve/100 ml	0	2	5		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	1	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