

Data 2020
Dunea
Location:
Scheveningen
Name:
Drinking water

Definition	Unit	measurement data			Drinking Water requirements	
		minimum	average	maximum	min	max
Aluminium	µg/l Al	1,4	2,2	3,1		200
Arsenic	µg/l As	1,6	2,2	3,2		10
Boron	mg/l B	0,046	0,048	0,052		0,5
Calcium	mg/l Ca	39,14	41,98	47,80		-
Chloride	mg/l Cl	45	52	59		150 **
Carbon Dioxide	mg/l CO ₂	0,7	1,1	1,5		-
Conductivity at 20°C	mS/m	46,9	49,2	51,1		<125
Fluoride	mg/l F	0,14	0,19	0,23		1,0
Iron	mg/l Fe	<0.01	<0.01	<0.01		0,2
Turbidity	FTU	<0.03	<0.03	0,11		1
Odour (qualitative)		Absent	Absent	Absent		****
Bicarbonate	mg/l HCO ₃	155	174	192	>60	
Mercury	µg/l Hg	<0.02	<0.02	<0.02		1
Total hardness	mmol/l	1,32	1,39	1,55	>1.0	
Total hardness	°d	7,4	7,8	8,7	>5.6	
Colour	mg/l Pt	3	4	6		20
Lead	µg/l Pb	<0.5	<0.5	<0.5		10
Copper	µg/l Cu	0,8	0,9	1,0		2000
Magnesium	mg/l Mg	7,87	8,24	8,86		-
Manganese	mg/l Mn	<0.01	<0.01	<0.01		0,05
Sodium	mg/l Na	51,3	55,1	59,7		150
Ammonium	mg/l NH ₄	<0.02	<0.02	0,03		0,2
Nitrite	mg/l NO ₂	<0.007	<0.007	0,010		0,1
Nitrate	mg/l NO ₃	2,40	4,46	6,80		50
Oxygen, dissolved	mg/l O ₂	9,7	9,9	10,2	>2	
pH, calculated	pH	8,36	8,45	8,62	7,0	9,5
Orthophosphate	mg/l PO ₄	0,12	0,14	0,16		-
Selenium	µg/l Se	<0.5	<0.5	<0.5		10
Saturation index, calculated	pH	0,56	0,66	0,80	> -0.2	
Taste (qualitative)		Absent	Absent	Absent		****
Sulphate	mg/l SO ₄	42	47	50		150
Temperature	°C	10,3	12,9	15,9		25
Total Organic Carbon	mg/l C	1,81	1,98	2,19		****
Aeromonas	cfu/100 ml	0	0	3		1000
Clostridium perfringens	cfu/100 ml	0	0	0		0
Coliform bacteria 37°C	cfu/100 ml	0	0	0		0
Enterococcus	cfu/100 ml	0	0	0		0
Colony count (22 °C)*	cfu/ml	0	1	4		100 ***
Legionella	cfu/l	<50	<50	<50		<100

* Geometric average Colony-forming unit 22°C = 1.2

** norm annual average

*** geometric norm annual average

**** no abnormal change