

Laboratoriumverwysingsnommer / Laboratory reference number: PW/22/00494

Monsterverwysing / Sample reference: Kanaal

pH	7.0	-
Konduktiwiteit / Conductivity	22	mS/m
TOS / TDS	143	mg/l
Kalsium / Calcium	8	mg/l
Magnesium	6	mg/l
Kalium / Potassium	3	mg/l
Natrium / Sodium	28	mg/l
Chloried / Chloride	51.33	mg/l
Sulfaat / Sulphate	8	mg/l
Bikarbonaat / Bicarbonate	28.40	mg/l
Katione / Cations	2.27	meq/l
Anione / Anions	2.23	meq/l
Koper / Copper	0.05	mg/l
Mangaan / Manganese	0.06	mg/l
Sink / Zinc	0.06	mg/l
Boor / Boron	0.03	mg/l
Yster / Iron	1.00	mg/l
Alkaliniteit / Alkalinity	28	mg/l
Hardheid / Hardness	45	mg/l
NAV / SAR	1.82	-
Korrosiwiteitsindex / Corrosivity index	2.89	-
Langelier indeks/ index	-2.05	-
Aggressiwiteits / Aggressiveness index	9.7	-
Rayznar-indeks / index	11.1	-
Ammonium	<0.2	mg/l
Nitraat / Nitrate	<3.0	mg/l
Fosfor / Phosphorus	1	mg/l

## GENERAL COMMENTS ON WATER QUALITY FOR IRRIGATION PURPOSES.

## Salt content :

The total salt content of this water is low and even sensitive crops can be grown without a risk of yield restriction.

## Sodium adsorption ratio:

The SAR is relatively low and only a slight negative effect on infiltration rate may be expected.

## Chloride content :

The chloride content of this water is relatively low and should not induce leaf burn and/ or chloride toxicity in the soil.

## Sodium content :

The sodium content of this water is relatively low and scorching of the leaves under overhead irrigation should only occur with very sensitive crops.

The accumulation of sodium to toxic levels in the soil is not expected.

## Acidity :

The pH of this sample is relatively neutral and acceptable.

\* Cations and Anions are calculated using data from elements analyzed and indicated in this report.