

** Pathologists **
Drs Dietrich, Voigt & Mia

PathCare Reference Laboratory
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FINAL REPORT

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Doctor
GAMTOOS IRRIGATION BOARD
ATT: LEON GRUNDLING
PO BOX 237
6335 PATENSIE

Patient
B KANAAL IRRIGATION WATER
ATT: LEON GRUNDLING
PATENSIE

Age : Sex : DOB : 32:U: MedAid Num NOT AVAILABLE
ID Number 21:728189494 Tel No (H) NOT AVAILABLE
Other Number V105024 Tel No (C) V105024
Specimen : 0209:BS00068R Lab Ref
Collection Date : 2021-02-09 10:15 728189494
Received Date : 2021-02-09 12:21 File No. NOT SUPPLIED/
Report Date : 2021-02-24 09:45

Tests Requested :
~PathCare, 98 WATER IRRIGATION

Primary ICD10 Code(s) : Z76.9

----- BIOCHEMISTRY -----

Test	Result	Flag	Reference
> POTASSIUM	2.1		mg/L
:.....:.....:.....:.....:			
:	Class 0	Class I	Class II
:	(Ideal)	(Acceptable)	(Max.Allowable)
:	<25	25 - 50	>50 - 100
:			
> PH VALUE	7.3		5.0-9.7 pH units
> CHLORIDE	56		0-300 mg/L
> CONDUCTIVITY mS/m @ 25 C	26.30		0-170 mS/m
> IRON	150		ug/L
Guidelines:			
	Aesthetic		0-300 ug/L
	Chronic health		0-2000 ug/L
> SODIUM	30		0-200 mg/L
> MAGNESIUM	5.4		mg/L
:.....:.....:.....:.....:			
:	Class 0	Class I	Class II
:	(Ideal)	(Acceptable)	(Max.Allowable)
:	<30	30 - 70	>70 - 100
:			
> CALCIUM (H2O)	6.2		mg/L

Patient
B KANAAL IRRIGATION WATER

Lab Ref
728189494

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2021-02-09 10:15

----- BIOCHEMISTRY -----

Test	Result	Flag	Reference	
.....				
:	Class 0	Class I	Class II	:
:	(Ideal)	(Acceptable)	(Max.Allowable)	:
:	<80	80 - 150	>150 - 300	:
.....				
> BICARBONATES (H2O)	29.0		mg/L	
> CARBONATES (H2O)	0		mg/L	
> SULPHATES	9		mg/L	
	Guidelines:			
	Aesthetic	0-250	mg/L	
	Acute health	0-500	mg/L	
> MANGANESE	60		ug/L	
	Guidelines:			
	Aesthetic	0-100	ug/L	
	Chronic health	0-400	ug/L	
> LANGELIER SATURATION INDEX	-2.1			
	A Saturation index value of 0 is perfectly balanced (non-corrosive and non-scaling). A Negative saturation index value will tend to be corrosive. A Positive saturation index value will tend to scale forming.			
> Na ABSORPTION RATE WATER	2.10			
> COMMENT:	.			
	Sampling done by client. Test results are specific only to the sample tested. Samples from the same or similar source may deliver a different result.			
	Water testing was performed by Pathcare's wholly owned subsidiary, Bemlab Pty Ltd Accreditation number T0654 For a list of accredited analytes, please contact Bemlab at 021 8531490 or email admin@bemlab.co.za			
> BORON (WATER ANALYSIS)	< 80		0-2400 ug/L	
> COMMENT:	.			
	Guidelines as per SANS 241-1:2011 Drinking water. DWAf guidelines available on: http://www.dwaf.gov.za/iwqs/wq_guide/index.asp			

Authorized on 2021-02-24 09:40:00

For consultation, contact a Pathologist - 0422934125

H=High, L=Low, *H=Critically High, *L=Critically Low

In rare cases, analytical interference may cause erroneous results.

Please inform pathologist if results and clinical picture do not concur.

~ File [] Phone Patient [] Appointment [] Prescription [] Draw File []

END OF REPORT : Total Number of Pages : 2