

\*\* Pathologists \*\*  
Drs Dietrich, Voigt & Mia

PathCare Reference Laboratory  
PathCare Park  
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PracNum: 5200539

FINAL REPORT

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

Patient  
DUPLEX WATER  
ATT: LEON GRUNDLING  
PATENSIE

Age : Sex : DOB : 32:U: MedAid Num NOT AVAILABLE  
ID Number 21:728189496 Tel No (H) NOT AVAILABLE  
Other Number V105024 Tel No (C) V105024  
Specimen : 0209:BS00075R Lab Ref  
Collection Date : 2021-02-09 11:10 728189496  
Received Date : 2021-02-09 12:21 File No. NOT SUPPLIED/  
Report Date : 2021-02-24 10:46

Tests Requested :  
~PathCare, 98 WATER IRRIGATION

Primary ICD10 Code(s) : Z76.9

----- BIOCHEMISTRY -----

Test	Result	Flag	Reference
> POTASSIUM	2.0		mg/L
:.....:.....:.....:.....:			
: Class 0	Class I	Class II	:
: (Ideal)	(Acceptable)	(Max.Allowable)	:
: <25	25 - 50	>50 - 100	:
:.....:.....:.....:.....:			
> PH VALUE	7.4		5.0-9.7 pH units
> CHLORIDE	56		0-300 mg/L
> CONDUCTIVITY mS/m @ 25 C	26.40		0-170 mS/m
> IRON	120		ug/L
Guidelines:			
Aesthetic	0-300 ug/L		
Chronic health	0-2000 ug/L		
> SODIUM	30		0-200 mg/L
> MAGNESIUM	5.3		mg/L
:.....:.....:.....:.....:			
: Class 0	Class I	Class II	:
: (Ideal)	(Acceptable)	(Max.Allowable)	:
: <30	30 - 70	>70 - 100	:
:.....:.....:.....:.....:			
> CALCIUM (H2O)	6.0		mg/L

Patient  
DUPLEX WATER

Lab Ref  
728189496

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2021-02-09 11:10

----- BIOCHEMISTRY -----

Test	Result	Flag	Reference
:.....			
: Class 0	Class I	Class II	:
: (Ideal)	(Acceptable)	(Max.Allowable)	:
: <80	80 - 150	>150 - 300	:
:.....			
> BICARBONATES (H2O)	27.0		mg/L
> CARBONATES (H2O)	0		mg/L
> SULPHATES	10		mg/L
Guidelines:			
Aesthetic	0-250		mg/L
Acute health	0-500		mg/L
> MANGANESE	70		ug/L
Guidelines:			
Aesthetic	0-100		ug/L
Chronic health	0-400		ug/L
> LANGELIER SATURATION INDEX	-2.0		
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: <a href="http://www.dwaf.gov.za/iwqs/wq_guide/index.asp">http://www.dwaf.gov.za/iwqs/wq_guide/index.asp</a>			

Authorized on 2021-02-24 10:20:00

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