

Integral Laboratories (Pty) Ltd
No 1 Zandwyk Park, Sandringham Close Paarl, 7646
Tel: 021 863 1238 Fax: 086 635 8874
Email: customercare@integrallabs.co.za

T0417

Certificate Of Analysis

Company:	Riverland Springs (Pty) Ltd TA Riverland Springs	Service Request Number:	PW-2025-52645
Address:	Portion 89 of Farm Goede Hoop 758 Riverlands Drive Greater Chatsworth Cape Town 7354	Date of Certificate:	13-October-2025
Contact:	Cleo Cupido	Date Completed:	13-October-2025
		Date of Sampling:	17-September-2025
		Date of Reveal at Lab:	17-September-2025

Sample Identification:		15L Water From Filtration System					
Sample Number:	PW-25-176582	Sampling Time:	N/A	Sample Condition:	Chilled	Remark:	
Microbiological Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Cryptosporidium Species	M54	Count / 10L	0	Not Detected	2025-09-19		
E. coli (MF)	M10	cfu's / 100mL	0	Not Detected	2025-09-18		
Giardia Species	M54	Count / 10L	0	Not Detected	2025-09-19		
Heterotrophic Plate Count	M13	cfu's / 1mL	< 1 000	Not Detected	2025-09-18		
Somatic Coliphages*	M39	Count / 10mL	0	Not Detected	2025-09-17		
Total Coliforms	M10	cfu's / 100mL	< 10	Not Detected	2025-09-18		
Physiochemical Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Alkalinity - Total as CaCO3	M7	mg/L		110	2025-10-10		
Colour (True)	M14	Pt-Co-true	< 15	<10.0	2025-09-19		
Electrical Conductivity @ 25°C	M4	mS/m	< 170	54.0	2025-10-02		
pH @ 25°C	M6	pH units	5 - 9.7	8.69	2025-10-02		
Total Dissolved Solids	Calc	mg/L	< 1 200	362	2025-10-02		
Total Organic Carbon	M20	mg/L	< 10	1.79	2025-09-22		
Turbidity	M12	NTU	< 5	<0.30	2025-09-19		
Natural Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Microcystins*	M67	µg/L	< 1	<0.15	2025-09-19		
Nutrients	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Ammonium (NH4-N)	M44	mg/L	< 1.5	<0.10	2025-09-23		
Nitrate as NO3-N	M44	mg/L	< 11	0.18	2025-09-23		
Nitrite as NO2-N	M44	mg/L	< 0.9	<0.05	2025-09-23		
Ntrate/Nitrite (NO3-N/NO2-N)	Calc	Cal	< 1	<0.01	2025-10-03		
Chemistry (Macro) Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Calcium as Ca	M18	mg/L		27.2	2025-10-10		
Chloride as Cl-	M44	mg/L	< 300	99.1	2025-09-23		
Fluoride as F-	M44	mg/L	< 1.5	0.53	2025-09-23		
Magnesium as Mg	M18	mg/L		3.89	2025-10-10		
Potassium as K	M181	mg/L		4.13	2025-10-10		

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Address: Portion 89 of Farm Goede Hoop
758 Riverlands Drive
Greater Chatsworth
Cape Town
7354
Contact: Cleo Cupido

Service Request Number: PW-2025-52645
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Chemistry (Macro) Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Sodium as Na	M18	mg/L	< 200	86.7	2025-09-22
Sulphate as SO ₄ ²⁻	M44	mg/L	< 250	2.61	2025-09-23
Zinc as Zn	M181	mg/L	< 5	<0.05	2025-09-22
Chemistry (Micro) Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Aluminium as Al	M181	µg/L	< 300	22.6	2025-09-22
Antimony as Sb	M181	µg/L	< 20	<5.00	2025-09-22
Arsenic as As	M181	µg/L	< 10	<5.00	2025-09-22
Barium as Ba	M181	µg/L	< 700	77.0	2025-09-22
Boron as B	M181	µg/L	< 2 400	<100	2025-09-22
Cadmium as Cd	M181	µg/L	< 3	<1.00	2025-09-22
Chromium as Cr	M181	µg/L	< 50	<5.00	2025-09-22
Copper as Cu	M181	µg/L	< 2 000	<20.0	2025-09-22
Cyanide as CN ^{-*}	M55	µg/L	< 200	<10.0	2025-10-06
Iron as Fe	M181	µg/L	< 300	<20.0	2025-09-22
Lead as Pb	M181	µg/L	< 10	<3.00	2025-09-22
Manganese as Mn	M181	µg/L	< 100	21.7	2025-09-22
Mercury as Hg	M181	µg/L	< 6	<1.00	2025-09-22
Nickel as Ni	M181	µg/L	< 70	<5.00	2025-09-22
Selenium as Se	M181	µg/L	< 40	<20.0	2025-09-22
Uranium as U	M181	µg/L	<30	<5.00	2025-09-23
Disinfection Residuals	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Monochloramine*	M69	mg/L	< 3	<0.09	2025-09-19
Total Chlorine*	M15	mg/L	< 5	0.51	2025-09-23
Trihalomethanes (THM's)	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Bromodichloromethane	M31	µg/L	< 60	<20	2025-10-09
Bromoform	M31	µg/L	< 100	<20	2025-10-09
Chloroform	M31	µg/L	< 300	<20	2025-10-09
Dibromochloromethane	M31	µg/L	< 100	<20	2025-10-09
Total THM ratio*	Calc		< 1	0.0	2025-10-09

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Trihalomethanes (THM's)	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Trihalomethanes as Total THM	Calc	µg/L		<80.0	2025-10-09
Phenolic Compounds	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Phenols*	M34	µg/L	< 10	<10.0	2025-09-26

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