

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

T0417

Certificate Of Analysis

Company:	Mount Superior Marketing	Service Request Number:	PW-2025-49357
Address:	Roodeberg, Waaihoek	Date of Certificate:	17-March-2025
	Goudini-Weg,	Date Completed:	17-March-2025
	6856	Date of Sampling:	07-March-2025
Contact:	Chantel van Zyl	Date of Reveal at Lab:	07-March-2025

Sample Identification:		Compsite/Mix Mount Superior					
Sample Number:	PW-25-164860	Sampling Time:	N/A	Sample Condition:		Remark:	
Microbiological Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
E. coli (MF)	M10	cfu's/100mL	0	Not Detected	2025-03-07		
Faecal Coliforms	M19	cfu's/100mL	0	Not Detected	2025-03-07		
Heterotrophic Plate Count	M13	cfu's/1mL	< 1 000	>1000	2025-03-07		
Total Coliforms	M10	cfu's/100mL	< 10	Not Detected	2025-03-07		
Physical / Aesthetic Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Alkalinity - Total as CaCO3	M7	mg/L		<10.0	2025-03-11		
Colour (True)	M14	Pt-Co-true	< 15	<10.0	2025-03-10		
Electrical Conductivity @ 25°C	M4	mS/m	< 170	2.56	2025-03-11		
pH @ 25°C	M6	pH units	5 - 9.7	5.52	2025-03-11		
Total Dissolved Solids	Calc	mg/L	< 1 200	17	2025-03-11		
Turbidity	M12	NTU	< 5	<0.30	2025-03-10		
Chemistry (Macro) Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Ammonium (NH4-N)	M44	mg/L	< 1.5	<0.10	2025-03-12		
Calcium as Ca	M181	mg/L		<2.00	2025-03-12		
Chloride as Cl-	M44	mg/L	< 300	4.90	2025-03-12		
Fluoride as F-	M44	mg/L	< 1.5	0.13	2025-03-12		
Magnesium as Mg	M181	mg/L		<2.00	2025-03-12		
Nitrate as NO3-N	M44	mg/L	< 11	4.15	2025-03-12		
Potassium as K	M181	mg/L		<2.00	2025-03-12		
Sodium as Na	M181	mg/L	< 200	2.71	2025-03-12		
Sulphate as SO4 ²⁻	M44	mg/L	< 250	<2.00	2025-03-12		
Chemistry (Micro) Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date		
Copper as Cu	M181	µg/L	< 2 000	<20.0	2025-03-12		
Iron as Fe	M181	µg/L	< 300	<20.0	2025-03-12		
Iron as Fe (Total)	M181	µg/L		<20.0	2025-03-17		
Manganese as Mn	M181	µg/L	< 100	<20.0	2025-03-12		
Manganese as Mn (Total)	M181	µg/L		<20.0	2025-03-17		

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	Goudini-Weg,	Date Completed:	17-March-2025
	6856	Date of Sampling:	07-March-2025
Contact:	Chantel van Zyl	Date of Receiving at Lab:	07-March-2025

Chemistry (Micro) Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Zinc as Zn	M181	mg/L	< 5	<0.05	2025-03-12
Organic Parameters	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Total Organic Carbon	M20	mg/L	< 10	1.12	2025-03-10
Indexes / Calculations	Method	Unit	Limits - SANS 241 2015	Result	Analysis Date
Langelier Saturation Index	Calc			-5.42	2025-03-12
Total Hardness as CaCO ₃	Calc	mg/L		4.83	2025-03-12

Certificate Of Analysis

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Address:	Roodeberg, Waaihoek Goudini-Weg, 6856	Date of Certificate:	17-March-2025
		Date Completed:	17-March-2025
		Date of Sampling:	07-March-2025
Contact:	Chantel van Zyl	Date of Reveal at Lab:	07-March-2025

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