

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 247964
Project: Moqhaka Municipality

Date of report: 19 January 2026
Date accepted: 14 January 2026
Date completed: 16 January 2026
Date received: 14 January 2026

Lab no:					409642	409643	409644	409645
Date sampled:					12-Jan-26	12-Jan-26	12-Jan-26	12-Jan-26
Aquatico sampled:					Yes	Yes	Yes	Yes
Sample type:					Water	Water	Water	Water
Locality description:					Steynsrus Fouche Reservoir	Steynsrus Municipal Offices	Steynsrus Matlwangtl wang Res	Steynsrus Mantlwang Communal Tap
Analyses		Unit	Method					
A	AQL pH @ 25°C	pH	ALM 20	8.55	8.53	8.53	8.54	
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	35.3	35.6	36.1	35.9	
A	AQL Total dissolved solids (TDS)	mg/l	ALM 26	199	204	210	213	
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	256	278	270	298	
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	151	156	156	167	
A	AQL Chloride (Cl)	mg/l	ALM 02	16.0	16.1	16.9	16.5	
A	AQL Sulphate (SO ₄)	mg/l	ALM 03	18.0	18.1	18.0	17.8	
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.280	0.298	0.303	0.295	
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.280	0.298	0.303	0.295	
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.029	0.024	0.019	0.017	
A	AQL Fluoride (F)	mg/l	ALM 08	0.328	0.269	0.368	0.313	
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.1	27.0	28.6	28.1	
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.6	17.2	18.0	17.5	
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	22.2	23.1	24.5	23.8	
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.05	6.36	6.72	6.51	
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.050	0.047	0.052	0.041	
A	AQL Turbidity	NTU	ALM 21	0.587	0.558	0.882	0.689	
A	AQL True Colour	mg/l Pt-Co	ALM 22	7.00	6.00	6.00	<5.00	
A	AQL Langelier Saturation Index	LSI	ALM 26	0.16	0.17	0.19	0.23	

A: Accredited N: Not accredited Sub: Sub-contracted NR: Not requested RTF: Results to follow NATD: Not able to determine ATR: Alternative Test Report
 test report; Results relate only to the items sampled and tested; Results reported against the limit of detection; Results marked "Not SANAS Accredited" in this report are not covered by the Scope of Accreditation for this laboratory; Uncertainty of measurement available on request for all methods included in the SANAS Schedule of Accreditation; The report shall not be reproduced except in full without approval of the laboratory

M. Swanepoel
 Technical Signatory

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 247967
Project: Moqhaka Municipality

Date of report: 19 January 2026
Date accepted: 14 January 2026
Date completed: 16 January 2026
Date received: 14 January 2026

Lab no:				409649	409650
Date sampled:				12-Jan-26	12-Jan-26
Aquatico sampled:				Yes	Yes
Sample type:				Water	Water
Locality description:				Steynsrus WTW Raw	Steynsrus WTW Final
Analyses	Unit	Method			
A AQL pH @ 25°C	pH	ALM 20	8.53	8.51	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	34.4	36.3	
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	201	209	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	276	266	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	155	155	
A AQL Chloride (Cl)	mg/l	ALM 02	12.1	19.2	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	19.0	18.6	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.255	0.304	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.255	0.304	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.035	0.015	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.4	28.0	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	17.5	17.0	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.3	23.4	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.50	6.26	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.073	0.048	
A AQL Turbidity	NTU	ALM 21	11.3	0.812	
A AQL True Colour	mg/l Pt-Co	ALM 22	23.0	<5.00	
A AQL Langelier Saturation Index	LSI	ALM 26	0.16	0.16	

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