

**Test Report**

**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 246109  
**Project:** Moqhaka Municipality

**Date of report:** 24 December 2025  
**Date accepted:** 17 December 2025  
**Date completed:** 24 December 2025  
**Date received:** 17 December 2025

Lab no:				400817	400818
Date sampled:				15-Dec-25	15-Dec-25
Aquatico sampled:				Yes	Yes
Sample type:				Water	Water
Locality description:				Kroonstad WTW Raw	Kroonstad WTW Final
Analyses	Unit	Method			
A AQL pH @ 25°C	pH	ALM 20	7.89	7.88	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	25.8	26.6	
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	152	145	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	188	212	
A AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	99.3	79.6	
A AQL Chloride (Cl)	mg/l	ALM 02	12.2	19.4	
A AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	19.5	18.8	
A AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	0.752	0.740	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.752	0.740	
A AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.039	0.018	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	18.1	16.9	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	8.73	8.10	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	22.4	22.5	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	7.04	6.79	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.756	0.008	
A AQL Turbidity	NTU	ALM 21	192	2.35	
A AQL True Colour	mg/l Pt-Co	ALM 22	41.0	6.00	
A AQL Langelier Saturation Index	LSI	ALM 26	-0.82	-0.96	

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**

