

**Test Report**

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**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 249710  
**Project:** Moqhaka Municipality

**Date of report:** 02 February 2026  
**Date accepted:** 28 January 2026  
**Date completed:** 02 February 2026  
**Date received:** 28 January 2026

Lab no:					418281	418282	418283	418284	418285
Date sampled:					27-Jan-26	27-Jan-26	27-Jan-26	27-Jan-26	27-Jan-26
Aquatico sampled:					Yes	Yes	Yes	Yes	Yes
Sample type:					Water	Water	Water	Water	Water
Locality description:					Viljoenskroon Municipal Offices	Viljoenskroon WTW Raw	Viljoenskroon WTW Final	Viljoenskroon Community Hall	Viljoenskroon Renyakaletsi Pump Station
Analyses		Unit	Method						
A	AQL pH @ 25°C	pH	ALM 20	8.08	8.29	8.16	8.11	8.21	
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	38.2	36.6	37.0	37.3	35.2	
A	AQL Total dissolved solids (TDS)	mg/l	ALM 26	208	208	209	209	204	
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	242	272	254	272	216	
A	AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	132	137	133	131	136	
A	AQL Chloride (Cl)	mg/l	ALM 02	25.7	21.1	25.6	26.4	25.4	
A	AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	25.5	26.0	25.7	25.5	23.8	
A	AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	0.444	0.395	0.478	0.421	0.403	
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.444	0.395	0.478	0.421	0.403	
A	AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.014	0.075	0.015	0.015	0.015	
A	AQL Fluoride (F)	mg/l	ALM 08	0.609	0.354	<0.263	0.404	0.278	
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	28.7	29.3	28.9	29.3	26.1	
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	15.7	15.8	15.7	15.5	14.4	
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	24.3	24.8	24.8	25.0	23.9	
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.33	5.27	5.22	5.23	5.21	
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.004	0.207	0.004	0.006	0.003	
A	AQL Turbidity	NTU	ALM 21	1.69	40.9	0.731	0.652	0.320	
A	AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	21.0	<5.00	<5.00	<5.00	
A	AQL Langelier Saturation Index	LSI	ALM 26	-0.31	-0.08	-0.23	-0.28	-0.20	

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

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