aquatico Laboratories (Pty). Ltd.

ilac-MRA sanas T0005

Test Report

Client:	Moqhaka Local Municipality	**Date of report:**	09 February 2026
Address:	Moqhaka Municipality, Hill Street, Kroonstad	**Date accepted:**	04 February 2026
Report no:	250544	**Date completed:**	09 February 2026
Project:	Moqhaka Municipality	**Date received:**	04 February 2026

Lab no:					421370	421371
Date sampled:					02-Feb-26	02-Feb-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	8.37	8.27
A	AQL	Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	30.3	33.8
A	AQL	Total Dissolved solids @ 180°C	mg/l	ALM 24	196	194
A	AQL	Total Alkalinity	mg $CaCO_3$/l	ALM 01	135	NATD
A	AQL	Chloride (Cl)	mg/l	ALM 02	10.7	20.3
A	AQL	Sulphate (SO_4)	mg/l	ALM 03	14.0	14.1
A	AQL	Nitrate (NO_3) as N	mg/l	ALM 06	0.271	0.298
A	AQL	Total oxidised nitrogen as N	mg/l	ALM 06	0.271	0.298
A	AQL	Ammonium (NH_4) as N	mg/l	ALM 05	0.067	0.010
A	AQL	Fluoride (F)	mg/l	ALM 08	<0.263	<0.263
A	AQL	Acid Soluble Calcium (Ca)	mg/l	ALMA 30	22.6	26.6
A	AQL	Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	14.3	14.9
A	AQL	Acid Soluble Sodium (Na)	mg/l	ALMA 30	20.2	22.2
A	AQL	Acid Soluble Potassium (K)	mg/l	ALMA 30	6.26	6.35
A	AQL	Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.102	0.037
A	AQL	Turbidity	NTU	ALM 21	18.2	1.16
A	AQL	True Colour	mg/l Pt-Co	ALM 22	21.0	<5.00
A	AQL	Langelier Saturation Index	LSI	ALM 26	-0.11	NATD

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

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aquatico Laboratories (Pty). Ltd.

ilac-MRA sanas Testing Laboratory T0685

Test Report

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 250550
Project: Moqhaka Municipality

Date of report: 09 February 2026
Date accepted: 04 February 2026
Date completed: 09 February 2026
Date received: 04 February 2026

					421396	421397	421398	421399
Lab no:								
Date sampled:					02-Feb-26	02-Feb-26	02-Feb-26	02-Feb-26
Aquatico sampled:					Yes	Yes	Yes	Yes
Sample type:					Water	Water	Water	Water
Locality description:					Steynsrus Fouche Reservoir	Steynsrus Municipal Offices	Steynsrus Matlwangtlwang Res	Steynsrus Mantlwang Communal Tap
		Analyses	**Unit**	**Method**				
A	AQL	pH @ 25°C	pH	ALM 20	8.31	8.26	8.32	8.38
A	AQL	Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	36.2	36.5	36.5	36.7
A	AQL	Total Dissolved solids @ 180°C	mg/l	ALM 24	226	254	250	250
A	AQL	Total Alkalinity	mg $CaCO_3$/l	ALM 01	139	142	141	146
A	AQL	Chloride (Cl)	mg/l	ALM 02	14.7	14.8	15.7	15.9
A	AQL	Sulphate (SO_4)	mg/l	ALM 03	14.4	14.6	14.7	14.7
A	AQL	Nitrate (NO_3) as N	mg/l	ALM 06	0.330	0.345	0.377	0.405
A	AQL	Total oxidised nitrogen as N	mg/l	ALM 06	0.330	0.345	0.377	0.405
A	AQL	Ammonium (NH_4) as N	mg/l	ALM 05	0.162	0.081	0.058	0.068
A	AQL	Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	<0.263	<0.263
A	AQL	Acid Soluble Calcium (Ca)	mg/l	ALMA 30	25.6	26.3	25.6	26.0
A	AQL	Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	15.9	16.7	15.7	16.0
A	AQL	Acid Soluble Sodium (Na)	mg/l	ALMA 30	22.1	23.1	23.0	23.0
A	AQL	Acid Soluble Potassium (K)	mg/l	ALMA 30	6.71	7.00	6.70	6.86
A	AQL	Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.029	0.033	0.027	0.034
A	AQL	Turbidity	NTU	ALM 21	2.40	0.839	0.870	0.795
A	AQL	True Colour	mg/l Pt-Co	ALM 22	9.00	9.00	8.00	7.00
A	AQL	Langelier Saturation Index	LSI	ALM 26	-0.08	-0.14	-0.09	-0.01

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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