

Test Report

Page 1 of 1

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 253866
Project: Moqhaka Municipality

Date of report: 10 March 2026
Date accepted: 04 March 2026
Date completed: 10 March 2026
Date received: 04 March 2026

Lab no:				Uncertainty of measure- ment %	SANS241: 2025	436359	436360
Date sampled:						02-Mar-26	02-Mar-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	2.33	5 - 9.7	8.41	8.43	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	4.92	< 170	35.2	38.4	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	9.42		218	208	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	6.06		161	195	
A AQL Chloride (Cl)	mg/l	ALM 02	7.57	< 250	13.0	22.6	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	8.45	< 250	16.1	16.0	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	9.46	< 11	<0.194	0.288	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	9.46		<0.194	0.288	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	8.46		0.030	0.011	
A AQL Fluoride (F)	mg/l	ALM 08	9.76	< 1.5	<0.263	<0.263	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	8.78		29.0	33.3	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	7.54		18.2	18.5	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	7.96	< 200	26.5	28.1	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	12.05		7.43	7.50	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	7.08	< 0.2	0.003	0.013	
A AQL Turbidity	NTU	ALM 21	5.9	< 1	6.88	0.756	
A AQL True Colour	mg/l Pt-Co	ALM 22	8.74	< 15	<5.00	<5.00	
A AQL Langelier Saturation Index	LSI	ALM 26			0.10	0.27	

A: Accredited N: Not accredited Sub: Sub-contracted NR: Not requested RTF: Results to follow NATD: Not able to determine ND: Not Detected
 ATR: Alternative Test Report; Results relate only to the items sampled and tested; Results reported against the limit of detection; Results marked as
 "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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Test Report

Page 1 of 1

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 253863
Project: Moqhaka Municipality

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

Lab no:	436350				436351				436352				436353			
Date sampled:	02-Mar-26				02-Mar-26				02-Mar-26				02-Mar-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	8.44	8.44	8.48	8.47								
A	AQL	Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	36.6	36.8	36.4	36.5								
A	AQL	Total Dissolved solids @ 180°C	mg/l	ALM 24	232	228	224	192								
A	AQL	Total Alkalinity	mg CaCO ₃ /l	ALM 01	165	157	167	156								
A	AQL	Chloride (Cl)	mg/l	ALM 02	16.5	16.5	16.2	16.9								
A	AQL	Sulphate (SO ₄)	mg/l	ALM 03	14.6	14.4	14.4	14.4								
A	AQL	Nitrate (NO ₃) as N	mg/l	ALM 06	0.230	0.214	0.207	<0.194								
A	AQL	Total oxidised nitrogen as N	mg/l	ALM 06	0.230	0.214	0.207	<0.194								
A	AQL	Ammonium (NH ₄) as N	mg/l	ALM 05	0.056	0.056	0.068	0.037								
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	30.2	30.2	30.6	30.7								
A	AQL	Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	18.6	16.8	18.5	18.7								
A	AQL	Acid Soluble Sodium (Na)	mg/l	ALMA 30	26.8	26.9	26.7	22.1								
A	AQL	Acid Soluble Potassium (K)	mg/l	ALMA 30	7.54	7.54	7.52	7.55								
A	AQL	Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.157	0.082	0.045	0.033								
A	AQL	Turbidity	NTU	ALM 21	1.23	0.840	1.35	0.793								
A	AQL	True Colour	mg/l Pt-Co	ALM 22	<5.00	<5.00	<5.00	<5.00								
A	AQL	Langelier Saturation Index	LSI	ALM 26	0.16	0.14	0.21	0.18								

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