

JUNE 23RD, 2025

Description of Sample:	RAW WATER	Date of Sampling:	19/06/2025
Submitted By:	AMREF HEALTH AFRICA	Date Sample Received:	20/06/2025
Customer Contact:	AMREF HEALTH AFRICA	Date of Analysis:	20/06/2025
Sampled By:	CLIENT	Date of Report Issue:	23/06/2025
Sample Source:	MPIRO - SPRING WATER	Sample ID:	S0513-33066

PARAMETERS	METHOD	VALUES	KS EAS 12:2018 NATURAL WATER SPECIFICATION	WHO Guidelines 4th Ed. 2022	REMARKS
BACTERIOLOGICAL ANALYSIS					
Total Coliforms (cfu/100 ml TC)	KS ISO 9308-1:2014	192	ND	ND	FAIL
E. Coli (cfu/100 ml E.C)	KS ISO 9308-1:2014	ND	ND	ND	PASS
Total Viable Counts 37 °C (cfu/ml TVC)	KS ISO 6222:1999	> 300	50	-	FAIL

Notes and Disclaimer

ISE - Ion Selective Electrode, NS - No Set Standard, ND - Not Detected, TN - Too Numerous, Parameters marked with (*) are Subcontracted while (✓) are Accredited. The tests were done in our laboratory located at Winsford Park, Baba Dogo. The test report shall not be reproduced except in full without written approval from Aqualytic Laboratories Limited. The laboratory will not be held responsible for any sampling error(s) unless sampled by the laboratory personnel. The results relate only to the sample(s) submitted. Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account except when requested by the customer. The Uncertainty of Measurements applied does not take into account the Sampling aspect for this sample. Where statements of conformity are made in this report, the following decision rules are applied:
PASS – Results within limits/specifications.
FAIL – Results exceed limits/specifications.

COMMENTS

Based on the tested parameters only, the Raw Water sample was found not to conform to the Raw Water (KS EAS 12:2018 NATURAL WATER SPECIFICATION). The level of Total Coliforms, Total Viable Counts 37 °C does not meet the set standard. Therefore, treatment is recommended.



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ASSISTANT TECHNICAL MANAGER



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TECHNICAL MANAGER

