

**Test Report**Ref.: **WS2208-0737**

Customer Code: CU2208-0236

Report issued on: 23.08.2025

Ndejje University - Water Research & Development CentreP. O. Box 7088
Kampala – UGANDA**VISION JUNIOR PRIMARY SCHOOL****LUWERO**

From:

To:

Date, time of sampling 19.08.2025 11:37Am

Place of sampling Vision Jr Primary School

Date, time of arrival at the lab 19.08.2025 12.00 Pm

Volume in liters 0.5 L

Description A Colorless Underground Raw solvent Sample from the tap outlet

Results

Parameter	Method/Equipment Used	UNBS limit		Result	Unit	Accuracy
		min	max			
Conductivity	WTW Multimeter	0	1500	379	µS/cm	
Turbidity	Photometer 7100	0	5	01	NTU	
Total Plate Count	Membrane Filtration	0	50	295	CFU/ml	
Color	Photometer 7100	0	15	06	TCU	
pH value	WTW Multimeter	6.5	8.5	7.2	1	0.1
E-coli	Membrane Filtration	0	0	40	CFU/100ml	
Total coliform	Membrane Filtration	0	0	131	CFU/100mL	1
Fluoride as F-	Photometer 7100	0	1.5	0.45	mg/L	
Nitrate	Photometer 7100	0	45	0.566	mg/L	
Aluminum	Photometer 7100	0	0.2	0	mg/L	
Iron(total)	Photometer 7100	0	0.3	0.16	mg/L	
Ammonia	Photometer 7100	0	0.5	0	mg/L	
Residual chlorine	Photometer 7100	0	0.2	0	mg/L	
Phosphates	Photometer 7100	0	2.2	1.03	mg/L	
Total Hardness	Photometer 7100	0	300	111	CaCO3 mg/L	
Sulphate	Photometer 7100	0	400	0	mg/L	

Abnormalities and remarksResults for Total Plate Count, **Total Coliform**, and **E. Coli** are higher than the stipulated standard. The sample **WS2308-0737**, does not meet the quality standards for potable water as per US EAS 12:2014

Responsible for test results: _____

Lydia Namutebi

Approval Manager: _____

Sulman Muhanguzi

