



Ndejje University - Water Research & Development Centre
P. O. Box 7088
Kampala – UGANDA

SSAKU SECONDARY SCHOOL
NSAWO, LUWERO

From:

To:

Date, time of sampling	19.08.2025	8.:57Am
Place of sampling	Ssako Senior Secondary School	
Date, time of arrival at the lab	19.08.2025	10.00 Am

Volume in liters	0.5L
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	439	µS/cm	
Turbidity	Photometer 7100	0	5	0	NTU	
Total Plate Count	Membrane Filtration	0	50	105	CFU/ml	
Color	Photometer 7100	0	15	0	TCU	
pH value	WTW Multimeter	6.5	8.5	7.2	1	0.1
E-coli	Membrane Filtration	0	0	49	CFU/100ml	
Total coliform	Membrane Filtration	0	0	31	CFU/100mL	1
Fluoride as F-	Photometer 7100	0	1.5	0.5	mg/L	
Nitrate	Photometer 7100	0	45	0.468	mg/L	
Aluminum	Photometer 7100	0	0.2	0	mg/L	
Iron(total)	Photometer 7100	0	0.3	0.09	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	1.7	mg/L	
Total Hardness	Photometer 7100	0	300	>>	CaCO3 mg/L	
Sulphate	Photometer 7100	0	400	0	mg/L	

Abnormalities and remarks
Results for Total Plate Count, Total Coliform, E. Coli, & Hardness are higher than the stipulated standard. The sample WS2208-0734, does not meet the quality standards for potable water as per US EAS 12:2014 for Potable water

Responsible for test results: _____
Lydia Namutebi

Approval Manager: _____
Sulman Muhanguzi