UGANDA NATIONAL BUREAU OF STANDARDS

CHEMISTRY LABORATORY TEST REPORT

Test Report No: FA/2025/03906 **Sample No:** L/0968/2025C **Field No:** MARCH 2025

Name of Client: UGACHICK POULTRY BREEDERS LIMITED **Address:** Magigye Gayaza off Namulonge Road, Wakiso

Manufacturer / Exporter: UGACHICK POULTRY BREEDERS LIMITED **Sample Quantity :** 1 pack

Sample Description: Treated Potable Water **Lot Size:** NA

State of Sample(s): Sample was received packed in sealed plastic bottles

Lab Receipt Date: 2025-03-25 **Analysis Start Date :** 2025-04-16 **Analysis End Date:** 2025-04-22

Test Method(s): US EAS 12: 2014 & TD-CH-TM-017, ISO 7890

Test Results

#	Parameters	Results	Specification	Status
1	* Nitrates (mg/L)	35	45 (Maximum)	Pass
2	Lead, as Pb (mg/L)	<0.01	0.01 (Maximum)	Pass
3	Copper, as Cu (mg/L)	<0.01	1.000 (Maximum)	Pass

Attachment(s) to the test report : NONE

Remarks:

1. The above sample was analysed as per the instructions on UNBS Request for Analysis Form serial Number RFA/2025/2658.
2. The Analysis was carried out at UNBS Chemistry Laboratory located at the address below using the test methods indicated above and the status of results as per the Uganda Standard, US EAS 12: 2014; Potable water - Specification.
3. The above sample meets the requirement for parameters analysed as specified in the above standard.
4. This test report number (FA/2025/03906) is valid for sample number (L/0968/2025C) only and the results apply to the sample as received.

Note :

(i) N/A means 'Not Available'.

(ii) <0.01mg/L means 'Below the limit of quantification' for the parameter.

(iii) The calculated uncertainty is relative expanded uncertainty multiplied by coverage factor of K=2 at 95% confidence interval as indicated below:

(a) Lead - AAS (mg/L) ± 3.7% of the reported value.

(b) Copper - AAS (mg/L) ± 8.4% of reported value.

Analysed By: Tumuheire Amos, Robert Mukasa, Peter Ssebwami, Safinah Nakimuli, Emmanuel Mulinnyabigo and Ivan Ssegirinya

Technical Signatory: Iberet Joseph ..... **Date:** 2025-04-22

For Executive Director UNBS: ..... **Date:** 2025-04-22

1. Results marked (*) are not SANAS Accredited and are not included in the SANAS scheduled of Accreditation for this laboratory
2. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation
3. This test report is only valid if it bears an authorised signature. The test report has been issued without any alterations and may not be reproduced except with written approval from the Excutive Director, Uganda National Bureau of Standards.

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QUALITY PLUS LABORATORY AND CONSULTANCY SERVICES LIMITED, P.O BOX 473-00202 NAIROBI		
WATER CHEMICAL ANALYSIS TEST REPORT	DOC REFERENCE:	Q+/F043
	ISSUE DATE:	01/10/2022
	VERSION:	03
	ISSUED BY:	QUALITY MANAGER

CUSTOMER NAME AND ADDRESS	UGACHICK POULTRY BREEDER BOX 12337 KAMPALA UGANDA
SAMPLE DESCRIPTION	TREATED PORTABLE WATER
REPORT REFERENCE	LR/WC/05/04/2025
DATE OF SAMPLING	24/03/2025
DATE OF RECEIPT	25/03/2025
DATE OF ANALYSIS	25/03/2025

PARAMETER	RESULT	LIMITS (KS EAS 12:2018)		RATINGS
PHYSICAL REQUIREMENTS				
		√ TREATED WATER	NATURAL WATER	
Electrical Conductivity µs/cm	-	1500	2500	N
Free chlorine mg/l	-	0.2 – 0.5	Absent	N
Turbidity (NTU)	-	5.0	25	N
Chlorides (Cl) mg/l	-	250	250	N
PH @ 25^{0}C	-	6.5-8.5	5.5-9.5	N
Nitrite ($N0_2$ N)	<0.001	0.9	0.9	N
Mercury (Hg) mg/l	<0.001	0.001	0.001	N
Taste	-	Not objectionable	Not objectionable	N
Total Iron (Fe) mg/l	-	0.3	0.3	N
Sulphates ($S0_4$) mg/l	-	400	400	N
Total dissolved solids mg/l	-	1000	1500	N
Total hardness as $CaC0_3$ mg/l	-	300	600	N

KEY: N-Normal H-High -Not analyzed L-Low

COMMENTS:_____

Reported by: Brenda Meso **Signature** _____ **Designation:** Technical signatory

Verified by: Brenda Meso **Signature**:_____ **Designation:** Technical signatory **Date of report issue:**....

QUALITY PLUS LABORATORY AND CONSULTANCY SERVICES LTD 03 APR 2025 P.O. Box 473 - 00202, NAIROBI

These results apply to the samples as received; the report may not be copied except in full when authorized by the laboratory. Opinions & interpretations expressed herein are within customer specifications.

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