



December 2025 - Nitrofuran Test Report

## Food Safety Test Results - Summary

At **Fresh Farm Goodness (FFG)**, food safety and transparency are non-negotiable. Our eggs are independently tested at accredited laboratories to ensure they are **free from harmful antibiotic residues** and safe for your family.

### What Was Tested?

This report covers **comprehensive antibiotic residue testing** on egg samples submitted by Fresh Farm Goodness.

The laboratory screened for a wide range of **banned and regulated veterinary drugs**, including:

#### Banned antibiotics (zero-tolerance):

- › Nitrofurans and their metabolites (AMOZ, AOZ, AHD, SEM)
- › Chloramphenicol
- › Nitrofurazone, Furaltadone, Nitrofurantoin, Furazolidone, Nifursol
- › Metronidazole
- › Ipronidazole
- › Ronidazole
- › Dimetridazole

#### Regulated antibiotics:

- › Tetracyclines  
(Tetracycline, Oxytetracycline, Chlortetracycline and related compounds)

These substances are strictly monitored because misuse in poultry farming can leave residues in eggs.

### What Were the Results?

#### All tested antibiotic residues were Not Detected

- › No banned antibiotics were found
- › No regulated antibiotics were detected
- › Results are below even the most sensitive detection limits

The eggs comply with **stringent international food safety standards**.



## What Does "Not Detected" Mean?

"Not Detected" means that **even at highly sensitive testing levels**, no traces of these antibiotics were found in the egg samples.

This confirms responsible farming practices and clean, residue-free eggs.

## About the Testing Lab

- › Testing conducted by **GEO-CHEM Laboratories Pvt. Ltd.**
- › Accredited laboratory using **LC-MS/MS** (advanced international testing method)
- › Samples received and tested in **good condition**
- › Analysis completed between **17-20 December 2025**

## Our Commitment

This report reflects our continued commitment to providing clean, safe, and responsibly produced eggs you can trust.

**Fresh Farm Goodness – Tested. Transparent. Trustworthy.**

**TEST REPORT**

(For Test Report)

Analysis No. : CERTA2025118267

Date : 20/12/2025

Name & Address of Customer : Fresh Farm Goodness Private Ltd Building No: 69/935, Citizen Road Opp Saro Flour Mill, Ayyappankavu Pin : 682018

Letter Ref. No. & Date : 16/12/2025

EIC Approval No : -

Date of Sample Receipt : 17/12/2025

Condition of sample [at the time of receipt] : Good

**Details of Sample [Provided by the Customer]**

Sample Described as : EGGS

**Result of Analysis**

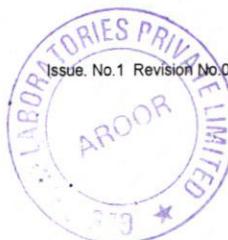
Date of analysis started: 17/12/2025

Date of analysis Completed: 20/12/2025

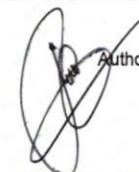
**Chemical Testing**

Sl.No.	Parameters Tested for	Unit of measurement	*Results with corrected recovery along with level of recovery	Uncertainty of Measurement [±]	Limit of determination : LOQ/CC <sub>a</sub> , CC <sub>b</sub> as applicable [e.g. LOQ in case of pesticides, CC <sub>b</sub> for screening test CC <sub>a</sub> for drugs & contaminants etc]	LOD as applicable	**MRL/RP/ML Limits, TTU/RAU, TL, Permissible level	Analytical method	Specification, Standard / Test Method against which product tested like AOAC, BIS, In-house etc.	Validation Protocol
<b>1. NITROFURAN METABOLITES</b>										
a)	AMOZ	µg/kg	ND	0.47±0.056	0.25	0.1	--	LC MSMS	GCKL/QS/C/7.2/160	2021/808/EU
b)	AOZ	µg/kg	ND	0.49±0.026	0.25	0.1	--			
c)	AHD	µg/kg	ND	0.48±0.052	0.25	0.1	--			
d)	SCA/SEM	µg/kg	ND	0.43±0.062	0.25	0.1	--			
2.	Chloramphenicol	µg/kg	ND	0.15±0.023	0.075	0.1	--			
<b>3. Nitrofuran parent</b>										
a)	Nitrofurazone	µg/kg	ND	0.48±0.036	0.25	--	0.5	LC MSMS	GCKL/QS/C/7.2/161	2021/808/EU
b)	Furaltadone	µg/kg	ND	0.49±0.03	0.25	--	0.5			
c)	Nitrofurantoin	µg/kg	ND	0.47±0.064	0.25	--	0.5			
d)	Furazolidone	µg/kg	ND	0.51±0.028	0.25	--	0.5			
e)	Nifursol	µg/kg	ND	0.50±0.025	0.25	--	0.5			

Proforma No.: GCKL/QF/7.8/02



Issue. No.1 Revision No.0



Authorised Signatory

**RAJESH JAYAN**  
**TECHNICAL LEAD**

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- Test Results reported are related to the sample (s) tested.
- Test report in full or part shall not be reproduced unless written permission is obtained from M/s. GEO-CHEM LABORATORIES PRIVATE LIMITED
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This sampling and/or testing has been performed to the best of our ability and our responsibility is limited to proven negligence. This test report, which is issued on general terms and conditions stipulated overleaf, reflects our findings at the time and place of sampling and/or testing and does not relieve parties from their contractual obligations. In general, non-perishable samples will be retained by us for a period of thirty days only, unless specific instructions to the contrary are received.

**TEST REPORT**

Analysis No. : CERTA2025118267

Date : 20/12/2025

**Chemical Testing - Marine / Aqua Culture Food Products**

Sl.No.	Parameters Tested for	Unit of measurement	*Results with corrected recovery along with level of recovery	Uncertainty of measurement [ $\pm$ ]	Limit of determination : LOQ/CC $\alpha$ , CC $\beta$ as applicable [e.g. LOQ in case of pesticides, CC $\beta$ for screening test CC $\alpha$ for drugs & contaminants etc]	LOD as applicable	**MRL/RPA/ML Limits, TTL/RAL, TL, Permissible level	Analytical method	Specification, Standard / Test Method against which product tested like AOAC, BIS, In-house etc.	Validation Protocol
<b>4. Tetracyclines</b>										
	Tetracycline	$\mu\text{g}/\text{kg}$	ND	$4.87 \pm 0.61$	5	–		LC MSMS	GCKL/QS/C/7.2/001	2002/657/EU
a)	4-Epoxytetracycline	$\mu\text{g}/\text{kg}$	ND	$5.25 \pm 1.75$	5	–				
	Tetracycline (sum of tetracycline and 4 epitetracline expressed as tetracycline)	$\mu\text{g}/\text{kg}$	ND		5	–		LC MSMS	GCKL/QS/C/7.2/001	2002/657/EU
	Oxytetracycline	$\mu\text{g}/\text{kg}$	ND	$4.78 \pm 0.57$	5	–				
b)	4-Epichlortetracycline	$\mu\text{g}/\text{kg}$	ND	$5.04 \pm 1.44$	5	–		LC MSMS	GCKL/QS/C/7.2/001	2002/657/EU
	Oxytetracycline (sum of oxytetracycline and 4 epoxytetracycline expressed as oxytetracycline)	$\mu\text{g}/\text{kg}$	ND		5	–				
	Chlortetracycline	$\mu\text{g}/\text{kg}$	ND	$5.09 \pm 0.97$	5	–		LC MSMS	GCKL/QS/C/7.2/001	2002/657/EU
c)	4-Epitetracycline	$\mu\text{g}/\text{kg}$	ND	$4.81 \pm 1.91$	5	–				
	Chlortetracycline (sum of chlortetracycline and 4 epichlortetracycline expressed as chlortetracycline)	$\mu\text{g}/\text{kg}$	ND		5	–		LC MSMS	GCKL/QS/C/7.2/001	2002/657/EU

**Note:**

- \*Results reported must be inclusive of recovery correction factor, results may be expressed as  $x + U$  in case of reporting substances; wherein  $x$  is result and  $U$  is expanded uncertainty as per method validation
- \*\* Reference Point for Action (RPA) for prohibited veterinary drugs, Maximum Residue Limits [MRLs] for veterinary medicines, Maximum Residue Levels [MRLs] for pesticides and Maximum Limits [MLs] for contaminants like heavy metals. Target Testing Level (TTL) / Regulatory Action Level (RAL), Tolerance level (TL).
- ND = Not Detected BDL = Below Detection Limit BLQ= Below Limit of Quantification

For GEO-CHEM LABORATORIES (P) LTD.,

Authorised Signatory

RAJESH JAYAN  
TECHNICAL LEAD

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SAMPLE NOT DRAWN  
BY GEOCHEM LABS

Prepared by : Sumeera

Proforma No.: GCKL/QF/7.8/02

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## TEST REPORT

Analysis No. : CERTA2025118267-1

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1	Metronidazole	$\mu\text{g}/\text{kg}$	ND	0.5	LC MSMS	GCKL/QS/C7.2/221
2	Ipronidazole	$\mu\text{g}/\text{kg}$	ND	0.5		
3	Ronidazole	$\mu\text{g}/\text{kg}$	ND	0.5		
4	Dimetridazole	$\mu\text{g}/\text{kg}$	ND	0.5		

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For GEO-CHEM LABORATORIES (P) LTD.,

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Page 1 of 1

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**TECHNICAL LEAD**
SAMPLE NOT DRAWN  
BY GEOCHEM LABS

Prepared by : Sumeera

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