



December 2025 - Nitrofurans 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

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, Ayyapankavu 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/CCα, CCβ as applicable [eg. LOQ in case of pesticides, CCβ for screening test CCα for drugs & contaminants etc]	LOD as applicable	**MRL/RPAML Limits, TL, TL, Permissible level	Analytical method	Specification, Standard / Test Method against which product tested like AOAC, BIS, In-house etc.
1.	NITROFURAN METABOLITES								
a)	AMTZ	µg/kg	ND	0.47±0.056	0.25	0.1	-	LC MSMS	GCKL/QS/C/7.2/160
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	-		GCKL/QS/C/7.2/159
3.	Nitrofurantoin parent								
a)	Nitrofurazone	µg/kg	ND	0.48±0.036	0.25	-	0.5	LC MSMS	GCKL/QS/C/7.2/161
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





Authorised Signatory

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RAJESH JAYAN
TECHNICAL LEAD

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TEST REPORT

GEO-CHEM LABORATORIES PRIVATE LIMITED

Aman Commercial Complex,
Opp. Mercy School, Aroor,
Alappuzha, Kerala - 688537, India.
Tel: + 91 478 2830800.
Email : lab.cochin@geochem.net.i



(For 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 [±]	Limit of determination : LOQ/CC α , CC β as applicable [eg. LOQ in case of pesticides, CC β for screening test CC α for drugs & contaminants etc]	LOD as applicable	**MRURP/AML Limits, TTL/RAL, TL, Permissible level	Analytical method	Specification, Standard / Test Method against which product tested like AOAC, BIS, in-house etc.	Validation Protocol
4.	Tetracyclines									
	Tetracycline	µg/kg	ND	4.87±0.61	5	--		LC MS/MS	GCKL/QS/IC/7.2/001	2002/657/EU
a)	4-Epixytetracycline	µg/kg	ND	5.25±1.75	5	--				
	Tetracycline (sum of tetracycline and 4 epitetracycline expressed as tetracycline)	µg/kg	ND		5	--				
	Oxytetracycline	µg/kg	ND	4.78±0.57	5	--				
b)	4-Epichlortetracycline	µg/kg	ND	5.04±1.44	5	--				
	Oxytetracycline (sum of oxytetracycline and 4 epioxytetracycline expressed as oxytetracycline)	µg/kg	ND		5	--				
	Chlortetracycline	µg/kg	ND	5.09±0.97	5	--				
c)	4-Epitetracycline	µg/kg	ND	4.81±1.91	5	--				
	Chlortetracycline (sum of chlortetracycline and 4 epichlortetracycline expressed as chlortetracycline)	µg/kg	ND		5	--				

Note:

- 1) *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
- 2) ** 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).
- 3) ND = Not Detected BDL = Below Detection Limit BLQ= Below Limit of Quantification

For GEO-CHEM LABORATORIES (R) LTD.,

Authorized Signatory

SAMPLE NOT DRAWN
BY GEOCHEM LABS

Prepared by : Sumeera

Proforma No.: GCKL/QF/7.8/02

Issue: No.1 Revision No.0

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Part of the Cotecna Group

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Tel: + 91 478 2830800.
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(For Test Report)

TEST REPORT

Analysis No. : CERTA2025118267-1

Date : 20/12/2025

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

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Chemical Testing

Sl.No.	Parameters Tested for	Unit of measurement	*Results with corrected recovery along with level of recovery	Limit of determination : LOQ/CC α , CC β as applicable [eg. LOQ in case of pesticides, CC β for screening test CC α for drugs & contaminants etc]	Analytical method	Specification, Standard / Test Method against which product tested like AOAC, BIS, In-house etc.
1	Metronidazole	$\mu\text{g/kg}$	ND	0.5	LC MSMS	GCKL/QS/C/7.2/221
2	Iprnidazole	$\mu\text{g/kg}$	ND	0.5		
3	Ronidazole	$\mu\text{g/kg}$	ND	0.5		
4	Dimetridazole	$\mu\text{g/kg}$	ND	0.5		

Note:

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For GEO-CHEM LABORATORIES [P] LTD.,

SAMPLE NOT DRAWN
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