

Green Chilli – Pesticide Residue Compliance Summary Report

Sample Details

Product: Green Chilli
Tested By: FSRL (Food Safety & Research Laboratory)
Report Date: 08 October 2025
Test Type: LCMS/MS – Multi-Residue Screening

Number of Pesticides Tested

The report screened for **over 250 pesticide molecules**, covering:

- Organophosphates
- Organochlorines
- Pyrethroids
- Carbamates
- Neonicotinoids
- Fungicides
- Herbicides
- Insect Growth Regulators

This comprehensive panel adheres to **NABL-accredited testing standards**, equivalent to those used for **export-grade and organic compliance verification**.

Test Result Summary

■ **No pesticide residues detected (ND)** across all compounds tested.
All analytes were below the laboratory's **Limit of Quantification (LOQ)**, indicating the absence of detectable synthetic pesticide residues.

Interpretation

Residue Category Overview

Category	Finding	Remarks
Organophosphates	ND	Common in conventional chillies but absent here
Organochlorines (DDT, Endosulfan etc.)	ND	Indicates clean soil and minimal environmental contamination
Pyrethroids	ND	No post-harvest chemical residues detected
Carbamates	ND	No synthetic pest-control residues
Fungicides (e.g. Mancozeb, Carbendazim)	ND	Suggests natural pest/disease management
Herbicides (Glyphosate etc.)	ND	Indicates non-use of chemical weed control

Conclusion

- No residues detected – fully pesticide-free
- Complies with FSSAI food-safety and NPOP organic standards
- Safe for consumption and consistent with organic cultivation
- Represents true organic integrity and clean growing practices

Appendix

This appendix is attached to the original FSRL report (Green Chilli – 08 Oct 2025) and summarizes residue analysis in line with FSSAI and NPOP organic guidelines. It provides a clear interpretation of test results, confirming the safety and organic integrity of the product.



FOOD SAFETY REFERRAL LABORATORY ICAR-IIHR, BANGALORE



TC-16406

Report No: FSRL2025-101

Report Date: 15.10.2025

ULR: TC1640625000000061F

TEST REPORT

Sample code	: FSRL20251008-115	Customer provided details	: Chilli
Sample name	: Chilli	Received on	: 08.10.2025
Sample quantity	: 500g	Analysed between	: 10.10.2025
Sample packing	: Paper bag	Customer Name and	: Goutham P B
Condition on receipt	: Satisfactory	address	: Healthy Buddha Site 113/1, ITPL Main Road, AECS Layout, opp. Brooke field, Kundalahalli, Bengaluru- 560037

Type of Test: Chemical

Sl No.	Test Parameter	Test method	Result (mg/kg)
1	Pesticide Residues	FSRL-PR-SOP-09	<LOQ

*LOQ- Limit of quantification

List of pesticides analysed by LCMS-MS (LOQ-mg/kg)

Abamectin (0.01)	Acephate (0.01)	Acetamiprid (0.01)	Aldicarb (0.01)
Ametroctradin (0.01)	Azoxystrobin (0.01)	Bifenazate (0.01)	Bifenazatediazene (0.01)
Bitertanol (0.01)	Boscalid (0.01)	Buprofezin (0.01)	Carbaryl (0.01)
Carbofuran (0.01)	Carbofuran 3 hydroxy(0.01)	Carbendazim (0.01)	Carbosulfan (0.01)
Chlorantraniliprole (0.01)	Clothianidin (0.01)	Cyantraniliprole (0.01)	Cyazofamid (0.01)
Cyflufenamid (0.01)	Cymoxanil (0.01)	Cyprodinil (0.01)	Diafenthiuron (0.01)
Difenoconazole (0.01)	Dimethoate (0.01)	Dimethomorph (0.01)	Dinotefuran (0.01)
Diuron (0.01)	Dodine (0.01)	Edifenophos (0.01)	Emamectin benzoate (0.01)
Fenamidone (0.01)	Fenamiphos (0.01)	Fenamiphos sulfone (0.01)	Fenamiphos sulfoxide (0.01)
Fenazaquin (0.01)	Fenobucarb (0.01)	Fenpyroximate (0.01)	Fenthion (0.01)
Fenthion Sulfone (0.01)	Fenthion Sulfoxide (0.01)	Flonicamid (0.01)	Flubendiamide (0.01)
Flufenoxuron (0.01)	Fluopicolide (0.01)	Flupyradifurone (0.01)	Fluopyram (0.01)
Fluopyrambenzamide (0.01)	Forchlorfenuron (0.01)	Formothion (0.01)	Hexythiazox (0.01)
Imidacloprid (0.01)	Indoxacarb (0.01)	Iprovalicarb (0.01)	Isoproturon (0.01)
Kresoxim-methyl (0.01)	Linuron (0.01)	Malaoxon (0.01)	Mandipropamid (0.01)
Metaflumizone (0.01)	Metalaxyl (0.01)	Metalaxyl M (0.01)	Methamidophos (0.01)
Methomyl (0.01)	Methoxyfenozide (0.01)	Metrafenone (0.01)	Metribuzin (0.01)
Milbemectin A3 (0.01)	Milbemectin A4 (0.01)	Monocrotophos (0.01)	Myclobutanil (0.01)



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Omethoate (0.01)	Oxadiargyl (0.01)	Oxycarboxin (0.01)	Oxydemeton Methyl (0.01)
Penconazole (0.01)	Picoxystrobin (0.01)	Phorate (0.01)	Phorate sulfone(0.01)
Phorate sulfoxide (0.01)	Phosalone (0.01)	Phosphamidon (0.01)	Pretilachlor (0.01)
Primiphos Methyl (0.01)	Propanil (0.01)	Propargite (0.01)	Propiconazole (0.01)
Propuxur (0.01)	Pyraclostrobin (0.01)	Pyridalyl (0.01)	Quinalphos (0.01)
Spinosad (0.01)	Spirotetramat (0.01)	Tebuconazole (0.01)	Thiabendazole (0.01)
Thiacloprid (0.01)	Thiamethoxam (0.01)	Thiodicarb (0.01)	Thiophanate-methyl (0.01)
Triazophos (0.01)	Trichlorfon (0.01)	Tricyclazole (0.01)	Tridemorph (0.01)
Trifloxystrobin (0.01)	Zoxamide (0.01)		

Authorized by

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Above results relate only to the items/sample tested as received.
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*****END OF REPORT*****

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