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ANALYTICAL LABORATORY
Plot No. 2 Lourdel Road
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P.O.BOX 2174
Kampala - Uganda

PRL 241/2026

27th March, 2026

CERTIFICATE OF ANALYSIS

Name of Client: AFRIMEX FOODS (U) LIMITED
Address: Makindye
Tel: +256770922209
Date Received: 26th/03/2026
Date Analyzed: 27th/03/2026
Lab Number: PRL 241/2026
Samples Submitted: One sample of Fresh Green Chilli
Farmer Name: Mr. Allan Byaruhanga
Farmer code: UG/122/3/5085
Location: Mukono
Sample submitted by: Tugumizemu Gilbert
Examination Request: Analysis for Pesticides residues in the submitted samples.

Findings:

The Submitted sample has been analyzed for pesticide residues by use of GC-MS/MS and LC-MS/MS analytical techniques with the following results corresponding to the targeted analytes, together with their respective MRLs.

Chemical Residue	Results of Analysis (mg/kg)	METHOD	Maximum Residues EU Regulation (Part A of Annex 1 to Reg. 396/2005 (mg/kg)
2-Phenylphenol	<0.01	QuEChERS	0.01
Acephate	<0.01	QuEChERS	0.01
Bitertanol	<0.01	QuEChERS	0.01
Chlorfenvinphos	<0.01	QuEChERS	0.01
Chlorpyrifos	<0.01	QuEChERS	0.01
Chlorpyrifos methyl	<0.01	QuEChERS	0.01
Diazinon	<0.01	QuEChERS	0.01
Dichlorvos	<0.01	QuEChERS	0.01
Ethion	<0.01	QuEChERS	0.01
Fenitrothion	<0.01	QuEChERS	0.01

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Malathion	<0.01	QuEChERs	0.02
Dimethoate	<0.01	QuEChERs	0.01
Mecarbam	<0.01	QuEChERs	0.01
Methacrifos	<0.01	QuEChERs	0.01
Methamidophos	<0.01	QuEChERs	0.01
Molinate	<0.01	QuEChERs	0.01
Oxamyl	<0.01	QuEChERs	0.001
Parathion	<0.01	QuEChERs	0.05
Pirimiphos-methyl	<0.01	QuEChERs	0.01
Proquinazid	<0.01	QuEChERs	0.01
Spirodiclofen	<0.01	QuEChERs	0.02
Profenofos	<0.01	QuEChERs	0.01
Thiophanate methyl	<0.01	QuEChERs	0.1
Tetraconazole	<0.01	QuEChERs	0.01
Cypermethrin	<0.01	QuEChERs	0.5
Permethrin (sum of isomers)	<0.01	QuEChERs	0.05
Fenvalerate	<0.01	QuEChERs	0.02
Deltamethrin	<0.01	QuEChERs	0.01
Clothianidin	<0.01	QuEChERs	0.04
Tau-fluvalinate	<0.01	QuEChERs	0.01
Phenothrin	<0.01	QuEChERs	0.02
Lambda Cyhalothrin	<0.01	QuEChERs	0.1
Metalaxyl	<0.01	QuEChERs	0.4
Thiamethoxam	<0.01	QuEChERs	0.01
Acetamiprid	<0.01	QuEChERs	0.09
Imidacloprid	<0.01	QuEChERs	0.9
Flonicamid	<0.01	QuEChERs	0.3
Azoxystrobin	<0.01	QuEChERs	3.0
Flubendiamide	<0.01	QuEChERs	0.7

Abamectin	<0.01	QuEChERS	0.03
Lufenuron	<0.01	QuEChERS	0.8
Omethoate	<0.01	QuEChERS	0.01
Difenoconazole	<0.01	QuEChERS	0.9
Chlothianidin	<0.01	QuEChERS	0.01
Tebuconazole	<0.01	QuEChERS	0.6
Hexaconazole	<0.01	QuEChERS	0.01
Diflubenzuron	<0.01	QuEChERS	0.01

MDL: Method Detection Limit is 0.001mg/kg

MQL: Method Quantification Limit is 0.01mg/kg

Remarks:

- By GC-MS/MS and LC-MS/MS analysis, the above tested pesticide residues in the sample submitted for analysis were below detection limits and complied with Maximum residue levels as per **EU Regulation Part A of Annex 1 to Reg. 396/2005** in the sample submitted for analysis.
- The method detection and quantification Limits for the tested Organophosphates, Neonicotinoids and Pyrethroids pesticides are based on the analytical method used (EN:15662:2018, Gas Chromatography Tandem Mass Spectrometry).
- All results relate to the test sample analyzed as on received basis.



Winfred Nassazi
Government Analyst