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PRL 243/2026



MINISTRY OF INTERNAL AFFAIRS
DIRECTORATE OF GOVERNMENT
ANALYTICAL LABORATORY
 Plot No. 2 Lourdel Road
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 P.O.BOX 2174
 Kampala - Uganda

27th March, 2026

CERTIFICATE OF ANALYSIS

Name of Client: KK FRESH PRODUCE EXPORTERS LIMITED
Address: Naalya
Telephone contact: +256781688435
Date Received: 27th/03/2026
Date Analyzed: 27th/03/2026
Lab Number: PRL 243/2026
Samples Submitted: One sample of Fresh Green Chilli
Crop Variety: Thai Bird's Eye
Farmer Name: KK Foods Eastern Farms-Busambu
Farmer code: UG/205/003/2522883
Farm location: Busambu, Kamuli (0.944179, 32.994469)
Sample submitted by: Ms. Natasha Atuheire
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
Malathion	<0.01	QuEChERS	0.02

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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 I 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

Triphenylethylene	<0.01	Qnd/Ld/Rs	0.9
Triphenylethylene	<0.01	Qnd/Ld/Rs	0.91
Triphenylethylene	<0.01	Qnd/Ld/Rs	0.6
Triphenylethylene	<0.01	Qnd/Ld/Rs	0.91
Triphenylethylene	<0.01	Qnd/Ld/Rs	0.91

MQL: Method Detection Limit is 0.001mg/kg

MQI: Method Quantification Limit is 0.01mg/kg

Remarks:

- By LC-MS/MS and GC-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 I to Reg. 316/2005 in the sample submitted for analysis.
- The method detection and quantification limits for the tested Organophosphates, Insectacarinioids and Pyrethroids pesticides are based on the analytical method used (EU (2002) 2032, Gas Chromatography Tandem Mass Spectrometry).
- All results relate to the test samples analyzed on an as-received basis.


Winita Hussain
Government Analyst