

Telephone
+256 (0) 414 250 464 (Gen)
+256 (0) 414 250 474
Email: dgal@mia.go.ug
Website: www.mia.go.ug

In any Correspondence on
this subject please
quote No.....



THE REPUBLIC OF UGANDA

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

PRL 131/2025

24th/04/25

CERTIFICATE OF ANALYSIS

Name of Client: AGRICADO FARMS UGANDA LTD
Address: Plot 33, Ministers Village Ntinda
P.O Box 5454 Kampala
Date Received: 23/04/2025
Date Analyzed: 24/04/2025
Lab Number: PRL 131/2025
Farmer: Agricado Farms Mubende.
Traceability Code: UG/107/03/2452338.
Samples Submitted: One sample of Red Fresh Chilli
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

"Go Scientific for a safe and Just Society"


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
Tetraconazole	<0.01	QuEChERS	0.01
cypermethrin	<0.01	QuEChERS	0.05
Permethrin (sum of isomers)	<0.01	QuEChERS	0.05
Fenvalerate	<0.01	QuEChERS	0.02
Deltamethrin	<0.01	QuEChERS	0.01
Phenothrin	<0.01	QuEChERS	0.02
Lambda Cyhalothrin	<0.01	QuEChERS	0.01
Chlorthalonil	<0.01	QuEChERS	0.01
Clothianidin	<0.01	QuEChERS	0.01
Thiamethoxam	<0.01	QuEChERS	0.01
Azoxystrobin	<0.01	QuEChERS	0.01
Carbendazim	<0.01	QuEChERS	0.1
Acetamiprid	<0.01	QuEChERS	0.3
Imidacloprid	<0.01	QuEChERS	0.9
Flonicamid	<0.01	QuEChERS	0.3
Clorantraniliprole	<0.01	QuEChERS	1.0

Handwritten signature

MDL: Method Detection Limit is 0.001mg/kg

REMARKS

- By GC-MS/MS and LC-MS/MS analysis, the above tested pesticide residues were below detection limits in the sample submitted for analysis and complied with Maximum residue levels as per EU Regulation Part A of Annex 1 to Reg. 396/2005.
- The method detection Limit for the tested pesticides is 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.



Nassazi Winfred

Government Analyst