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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 242/2025

28th/07/25

CERTIFICATE OF ANALYSIS

Name of Client:

AGRICADO FARMS UGANDA LTD

Address:

Plot 33, Ministers Village Ntinda

P.O Box 5454 Kampala

Date Received:

24/07/2025

Date Analyzed:

25/07/2025

Lab Number:

PRL 242/2025

Farmer:

Agricado Farm.

Samples Submitted:

One sample of Fresh Green Avocado fruit.

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

Page 1 of 3

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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	0.005
Parathion	<0.01	QuEChERs	0.05
Pirimiphos-methyl	<0.01	QuEChERs	0.01
Proquinazid	<0.01	QuEChERs	0.02
Spirodiclofen	<0.01	QuEChERs	1.0
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	0.15
Chlorthalonil	<0.01	QuEChERs	0.01
Clothianidin	<0.01	QuEChERs	0.01
Thiamethoxam	<0.01	QuEChERs	0.5
Azoxystrobin	<0.01	QuEChERs	0.01
Carbendazim	<0.01	QuEChERs	0.1
Acetamiprid	<0.01	QuEChERs	0.01
Imidacloprid	<0.01	QuEChERs	0.01
Flonicamid	<0.01	QuEChERs	0.03
Cloranthraniliprole	<0.01	QuEChERs	1.0

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