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

PRL 102/2025

28<sup>th</sup>/03/25

### CERTIFICATE OF ANALYSIS

**Name of Client:** AGRICADO FARMS UGANDA LTD  
**Address:** Plot 33, Ministers Village Ntinda  
P.O Box 5454 Kampala  
**Date Received:** 25/03/2025  
**Date Analyzed:** 27/03/2025  
**Lab Number:** PRL 060/2025  
**Farmer:** Agricado Farms Mubende.  
**Traceability Code:** UG/107/03/2452338.  
**Samples Submitted:** One sample of Red 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

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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
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
Cloranthraniliprole	<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**