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

PRL 250/2026



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

2nd April, 2026

CERTIFICATE OF ANALYSIS

Name of Client: SM IMPLEX (U) LTD
Tel: +256702719716
Date Received: 2nd /04/2026
Date Analyzed: 2nd/04/2026
Lab Number: PRL 250/2026
Samples Submitted: One sample of Fresh Green Chilli
Farmer Name: Mr. Thadius Kiggundu
Farmer code: UG/126/03/65011
Farm location: Mubende
Sample submitted by: Mr. Godfrey Ssenyonga
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

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
Ametryn	<0.01	QuEChERs	-----
Metalaxyl	<0.01	QuEChERs	0.4
Thiamethoxam	<0.01	QuEChERs	0.01
Acetamiprid	<0.01	QuEChERs	0.3
Imidacloprid	<0.01	QuEChERs	0.9
Fonicamid	<0.01	QuEChERs	0.3
Azoxystrobin	<0.01	QuEChERs	3.0
Flubendiamide	<0.01	QuEChERs	0.7

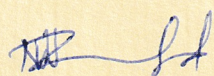
Abamectin	<0.01	QuEChERS	0.03
Lufenuron	<0.01	QuEChERS	0.8
Omethoate	<0.01	QuEChERS	0.01
Difenoconazole	<0.01	QuEChERS	0.9
Chlothianidin	<0.01	QuEChERS	0.01
Tebuconazole	<0.01	QuEChERS	0.6
Hexaconazole	<0.01	QuEChERS	0.01

MDL: Method Detection Limit is 0.001mg/kg

MLQ: Method Quantification Limit is 0.01mg/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. All analytes complied with Maximum residue levels as per **EU Regulation Part A of Annex 1 to Reg. 396/2005**.
- 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