

**PRL 467/2025**

**6<sup>th</sup>/12/25**

**CERTIFICATE OF ANALYSIS**

**Name of Client:** SM IMPEX (U) LIMITED  
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**Lab Number:** **PRL 467/2025**  
**Farmer Name:** Sekamwa Lawrence  
**Farmer Code:** UG/113/03/0001  
**Samples Submitted:** One sample of Green Chilli  
**Examination Request:** Analysis for Pesticides residues in the submitted samples.

**Findings**

The Submitted samples have been analyzed for pesticide residues by use of GC-MS/MS and HPLC analytical techniques with the following results corresponding to the targeted analytes, together with their respective MRLs.

<b>Chemical Residue</b>	<b>Results of Analysis (mg/kg)</b>	<b>METHOD</b>	<b>Maximum Residues EU Regulation (Part A of Annex 1 to Reg. 396/2005 (mg/kg)</b>
2-Phenylphenol	<0.01	QuEChERS	<b>0.01</b>
Acephate	<0.01	QuEChERS	<b>0.01</b>
Bitertanol	<0.01	QuEChERS	<b>0.01</b>
Chlorfenvinphos	<0.01	QuEChERS	<b>0.01</b>
Chlorpyrifos	<0.01	QuEChERS	<b>0.01</b>
Chlorpyrifos methyl	<0.01	QuEChERS	<b>0.01</b>
Diazinon	<0.01	QuEChERS	<b>0.05</b>
Dichlorvos	<0.01	QuEChERS	<b>0.01</b>
Ethion	<0.01	QuEChERS	<b>0.01</b>
Fenitrothion	<0.01	QuEChERS	<b>0.01</b>
Malathion	<0.01	QuEChERS	<b>0.02</b>
Dimethoate	<0.01	QuEChERS	<b>0.01</b>

Mecarbam	<0.01	QuEChERs	<b>0.01</b>
Methacrifos	<0.01	QuEChERs	<b>0.01</b>
Methamidophos	<0.01	QuEChERs	<b>0.01</b>
Molinate	<0.01	QuEChERs	<b>0.01</b>
Oxamyl	<0.01	QuEChERs	<b>0.01</b>
Parathion	<0.01	QuEChERs	<b>0.05</b>
Pirimiphos-methyl	<0.01	QuEChERs	<b>0.01</b>
Proquinazid	<0.01	QuEChERs	<b>0.01</b>
Spirodiclofen	<0.01	QuEChERs	<b>0.2</b>
Profenofos	<0.01	QuEChERs	<b>0.01</b>
Tetraconazole	<0.01	QuEChERs	<b>0.01</b>
cypermethrin	<0.01	QuEChERs	<b>0.5</b>
Permethrin (sum of isomers)	<0.01	QuEChERs	<b>0.05</b>
Fenvalerate	<0.01	QuEChERs	<b>0.05</b>
Deltamethrin	<0.01	QuEChERs	<b>0.02</b>
Tau-fluvalinate	<0.01	QuEChERs	<b>0.05</b>
Phenothrin	<0.01	QuEChERs	<b>0.02</b>
Lambda Cyhalothrin	<0.01	QuEChERs	<b>0.1</b>
Chlorthalonil	<0.01	QuEChERs	<b>0.01</b>
Clothianidin	<0.01	QuEChERs	<b>0.04</b>
Thiamethoxam	<0.01	QuEChERs	<b>0.7</b>
Azoxystrobin	<0.01	QuEChERs	<b>3.0</b>
Carbendazim	<0.01	QuEChERs	<b>0.1</b>
Acetamiprid	<0.01	QuEChERs	<b>0.3</b>
Imidacloprid	<0.01	QuEChERs	<b>0.9</b>
Flonicamid	<0.01	QuEChERs	<b>0.3</b>
Azadiractin	<0.01	QuEChERs	<b>0.01</b>

**MDL: Method Detection Limit is 0.001mg/kg**

## **REMARKS**

- By GC-MS/MS and LCMS 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, OPPs and Pyrethroids pesticides is based on the analytical method used (AOAC 2007.1, Gas Chromatography Tandem Mass Spectrometry).
- All results relate to the test sample analyzed as on received basis.

Nassazi Winfred

**Government Analyst**