

ISO 17025:2005

Sample Code: 190505-2

RESULTS REPORT/REPORT OF CHEMICAL ANALYSIS

Thessaloniki: 10.05.2019

TO : SRC Group P.C.
ATT : Mr.Anestis Samaras
SUBJECT : Chemical analysis of received sample **Fresh Cherries** for Pesticides Residues on the fresh sample, after the washing only with water and after with the washing method Zeolite Clean F&V

1. Sample shipment: Mr.Anestis Samaras
2. Sample received on: 05.05.2019
3. Sample Code: 190505-2
4. Sample Description: # Fresh Cherries #
5. Condition of sample: Good.
6. Period of consideration: 05.05.2019-10.05.2019
7. Clint's Address:., Aridaia, Greece

The sample was subjected to the following chemical analyses and the results are:

Chemical analysis on fresh sample				
	Parameters	Units	Results	Method of Analysis
1.	Deltamethrin	mg/Kg	0.228	LC-MS-MS, Based on EN 15662 & SANTE/11945/2015
2.	Dimethomorph	mg/Kg	1.025	
3.	Imidacloprid	mg/Kg	0.820	
4.	Pirimiphos-Methyl	mg/Kg	0.212	
5.	Pyraclostrobin	mg/Kg	0.221	

Chemical analysis on the sample after the washing only with H ₂ O.				
	Parameters	Units	Results	Method of Analysis
1.	Deltamethrin	mg/Kg	0.018	LC-MS-MS,
2.	Dimethomorph	mg/Kg	0.125	
3.	Imidacloprid	mg/Kg	0.090	

ISO 17025:2005

Sample Code: 190505-2

RESULTS REPORT/REPORT OF CHEMICAL ANALYSIS

4.	Pirimiphos-Methyl	mg/Kg	0.079	Based on σε EN 15662 & SANTE/11945/2015
5.	Pyraclostrobin	mg/Kg	0.024	

Chemical analysis on the sample after the spraying with Zeolite Clean F&V

	Parameters	Units	Results	Method of Analysis
1.	Deltamethrin	mg/Kg	0.012	LC-MS-MS, Based on EN 15662 & SANTE/11945/2015
2.	Dimethomorph	mg/Kg	0.073	
3.	Imidacloprid	mg/Kg	0.084	
4.	Pirimiphos-Methyl	mg/Kg	0.045	
5.	Pyraclostrobin	mg/Kg	0.022	

Conclusion: The concentrations of the Pesticides: Deltamethrin, Dimethomorph, Imidacloprid, Pirimiphos-Methyl, Pyraclostrobin after the washing only with water have been reduced by ~ 1.155 % ~ 721 %, ~ 819 % ,~ 169 % and ~ 821 % respectively from the original sample.

While after the washing process with Zeolite Clean F & V we have a decrease of ~ 1.800 %, ~ 1.310 %, ~ 887 %, ~ 375 % and ~ 912 % of the above active substance respectively from the original sample.

Thessaloniki: 10.05.2019


 Quality, Research & Development
 Manager,
 Zafiris Stefanos
 M.Sc. Food Scientist-Agriculturist AUTH