

Report code: AR-19-IR-073993-01



Batch code: EUINBA-00056738

ULR: TC543619000051244P

Report date: 05.12.2019

Motark Enterprises -

HONG KONG

## ANALYTICAL REPORT

<b>Sample code:</b>	258-2019-11007224	<b>Received on:</b>	29.11.2019
<b>Sample name:</b>	19-06/029-021A/RM/B/002	<b>Analysed between:</b>	29.11.2019 - 05.12.2019
<b>Sample Appearance:</b>	Green colour crushed leaves		
<b>Quantity received:</b>	50g.	<b>Sample packing:</b>	Ziploc Pouch
<b>Condition on receipt:</b>	Good	<b>Sampling:</b>	NOT SAMPLED BY EUROFINS

METAL CONTAMINANTS			Method	Result Unit	LOQ
IR217	IR	Lead (Pb)	AOAC 2015.01 by ICP-MS	0.200 mg/kg	0.05
IR218	IR	Cadmium (Cd)	AOAC 2015.01 by ICP-MS	<0.02 mg/kg	0.02
IR221	IR	Arsenic (As)	AOAC 2015.01 by ICP-MS	0.090 mg/kg	0.05
IR219	IR	Mercury (Hg)	AOAC 2015.01 by ICP-MS	<0.01 mg/kg	0.01

PESTICIDES			Method	Result Unit	LOQ	MRL
IR123	IR	Dithiocarbamates	Method: EASI-CHE-SOP-30			
		* Dithiocarbamates (as CS <sub>2</sub> )		BLQ mg/kg	0.01	2.0
IR125	IR	Bromide (Inorganic)	Method: EASI-CHE-SOP-29			
		Total Inorganic Bromide		BLQ mg/kg	5	125
IR422	IR	Pesticides GC-MS/MS as per USP 561	Method: EASI-CHE-SOP-21			
		Cypermethrin		0.061 mg/kg	0.01	1.0
		Other screened pesticides		Not Detected		
IR423	IR	Pesticides LC-MS/MS as per USP 561	Method: EASI-CHE-SOP-21			
		Screened pesticides		Not Detected		

### Sample Conclusion(Pesticides):

The results of the above mentioned analyses are in accordance with the requirements of USP 561 Regulation in its currently valid version.

BLQ: Below Limit of Quantification

### List of screened molecules and not detected

IR422 IR Pesticides GC-MS/MS as per USP 561 (LOQ mg/kg)				
Aldrin/ Dieldrin (Sum) (0.01)	Bromophos-ethyl (0.01)	Bromopropylate (0.01)	Chlordane (sum cis-, trans, oxy-) (0.01)	Chlorfenvinphos (0.01)
Chlorpyrifos (-ethyl) (0.01)	Cyfluthrin (Total Isomers) (0.01)	Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-) (0.01)	DDT (sum) (0.01)	Deltamethrin (0.01)
Dichlorvos (0.01)	Dicofol (0.01)	Endosulfan (Sum) (0.01)	Endrin (0.01)	Fenitrothion (0.01)
Fenpropathrin (0.01)	Fenvalerate (0.01)	Flucythrinate (0.01)	Fonofos (0.01)	Heptachlor (sum) (0.01)
Hexachlorobenzene (HCB) (0.01)	Hexachlorocyclohexane (sum) (0.01)	Lindane (gamma-HCH) (0.01)	Mecarbam (0.01)	Methacriphos (0.01)

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Methoxychlor (0.01)	Mirex (0.01)	Octachlorodipropyl ether (S-421) (0.01)	Parathion-ethyl / Paraoxon-ethyl (sum) (0.01)	Parathion-methyl/Paraoxon-methyl (sum) (0.01)
Pentachloranisole (0.01)	Permethrin (sum of isomers) (0.01)	Piperonyl butoxide (0.01)	Prothiofos (0.01)	Pyrethrins (total) (0.01)
Quintozene (sum) (0.01)	tau-Fluvalinate (0.01)	Tecnazene (0.01)	Tetradifon (0.01)	Vinclozolin (0.01)

**IR423 IR Pesticides LC-MS/MS as per USP 561 (LOQ mg/kg)**

Acephate (0.01)	Alachlor (0.01)	Azinphos-ethyl (0.01)	Azinphos-methyl (0.01)	Bromophos-methyl (0.01)
Chlorpyrifos-methyl (0.01)	Chlorthal-dimethyl (0.01)	Diazinon (0.01)	Dichlofluanid (0.01)	Dimethoate/Omethoate (sum) (0.01)
Ethion (0.01)	Etrimfos (0.01)	Fenclorphos (sum) (0.01)	Fensulfothion (sum) (0.01)	Fenthion (sum) (0.01)
Malathion/Malaoxon (sum) (0.01)	Methamidophos (0.01)	Methidathion (0.01)	Monocrotophos (0.01)	Pendimethalin (0.01)
Phosalone (0.01)	Phosmet (0.01)	Pirimiphos-ethyl (0.01)	Pirimiphos-methyl (sum) (0.01)	Procymidone (0.01)
Profenofos (0.01)	Quinalphos (0.01)			

The tests identified by the two letters code IR are performed by Eurofins Analytical Services India (Bangalore), INDIA.


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LOQ = Limit of Quantification

MRL = Maximum Residue Level

\* = Parameters not included in the Scope.

\*\*\*\*\* END OF REPORT \*\*\*\*\*

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