

Report code: AR-19-IR-073992-01



Batch code: EUINBA-00056738

ULR: TC543619000051243P

Report date: 05.12.2019

Motark Enterprises -

HONG KONG

ANALYTICAL REPORT

Sample code:	258-2019-11007223	Received on:	29.11.2019
Sample name:	19-06/029/P/MD/001	Analysed between:	29.11.2019 - 05.12.2019
Sample Appearance:	Light green colour powder	Sample packing:	Ziploc Pouch
Quantity received:	50g.	Sampling:	NOT SAMPLED BY EUROFINS
Condition on receipt:	Good		

METAL CONTAMINANTS			Method	Result Unit	LOQ
IR217	IR	Lead (Pb)	AOAC 2015.01 by ICP-MS	0.270 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	0.200 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 ₂)		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			
		Cyhalothrin, lambda		BLQ 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)	Cypermethrin (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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IR422 IR Pesticides GC-MS/MS as per USP 561 (LOQ mg/kg)

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.


Ms Jyoti Sindhu**Manager Lab**

LOQ = Limit of Quantification

MRL = Maximum Residue Level

* = Parameters not included in the Scope.

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

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