

Report code: AR-19-IR-028339-01



Batch code: EUINBA-00044100

ULR: TC543619000019704P

Report date: 08.05.2019

Motark Enterprises -

HONG KONG

ANALYTICAL REPORT

Sample code:	258-2019-04007027	Received on:	29.04.2019
Sample name:	19-03/020/P/MD/001	Analysed between:	29.04.2019 - 07.05.2019
Sample Appearance:	Dark green colour powder	Sample packing:	Ziploc Pouch
Quantity received:	100g	Sampling:	NOT SAMPLED BY EUROFINS
Condition on receipt:	Good		

HEAVY METALS		Method	Result Unit	LOQ	MRL
IR217	IR	Lead (Pb)	AOAC 2015.01 by ICP-MS	0.39 mg/kg	0.05 5
IR218	IR	Cadmium (Cd)	AOAC 2015.01 by ICP-MS	0.04 mg/kg	0.02 0.5
IR221	IR	Arsenic (As)	AOAC 2015.01 by ICP-MS	0.17 mg/kg	0.05 2
IR219	IR	Mercury (Hg)	AOAC 2015.01 by ICP-MS	0.01 mg/kg	0.01 1

MICROBIOLOGICAL		Method	Result Unit	LOQ
IR006	IR	Total plate count	ISO 4833-1:2013	2.7x10 ⁴ cfu/g
IR034	IR	<i>Escherichia coli</i>	ISO 16649-2:2001	<10 cfu/g
IR021	IR	Salmonella	ISO 6579-1:2017	Absent /25 g
IR012	IR	Yeast & Moulds	ISO 21527-2:2008	4.2x10 ² cfu/g

PESTICIDES		Result Unit	LOQ	MRL
IR123	IR	Dithiocarbamates	Method: EASI-CHE-SOP-30, GC-MS	
		Dithiocarbamates (as CS ₂)	BLQ mg/kg	0.01 2.0
IR125	IR	Bromide (Inorganic)	Method: EASI-CHE-SOP-29, GC-MS	
		Total Inorganic Bromide	BLQ mg/kg	5 125.0
IR422	IR	Pesticides GC-MS/MS as per USP 561	Method: EASI-CHE-SOP-21	
		Cypermethrin	0.412 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	

Judgement:

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

BLQ: Below Limit of Quantification

MRL's provided for this sample considered as "Plant origin".

List of screened molecules and not detected (* = limit of quantification)

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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)
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)	Etrimefos (0.01)	Fenchlorphos (sum) (0.01)	Fensulfothion (sum) (0.01)	Fenthion (sum) (0.01)
Malathion/Malaoxon (sum) (0.01)	Methamidophos (0.01)	Methodathion (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



Mr Bharath Mandya Ramashetty
Assistant Manager - Microbiology

LOQ = Limit of Quantification

MRL = Maximum Residue Level

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

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