

Report code: AR-19-IR-027624-01



Batch code: EUINBA-00044100

ULR: TC543619000019138F

Report date: 04.05.2019

Motark Enterprises -

HONG KONG

ANALYTICAL REPORT

Sample code:	258-2019-04007026	Received on:	29.04.2019
Sample name:	19-03/020-021A/P/B/002	Analysed between:	29.04.2019 - 04.05.2019
Sample Appearance:	Brown 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	0.28 mg/kg	0.05	5
IR218	IR	Cadmium (Cd)	AOAC 2015.01 by ICP-MS	<0.02 mg/kg	0.02	0.5
IR221	IR	Arsenic (As)	AOAC 2015.01 by ICP-MS	0.07 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	4.6x10 ⁴ cfu/g
IR012	IR	Yeast & Moulds	ISO 21527-2:2008	3.5x10 ² cfu/g
IR021	IR	Salmonella	ISO 6579-1:2017	Absent /25 g
IR034	IR	<i>Escherichia coli</i>	ISO 16649-2:2001	<10 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
IR125	IR	Bromide (Inorganic) Method: EASI-CHE-SOP-29, GC-MS			
		Total Inorganic Bromide	BLQ mg/kg	5	125
IR422	IR	Pesticides GC-MS/MS as per USP 561 Method: EASI-CHE-SOP-21			
		Cypermethrin	0.376 mg/kg	0.01	1
		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

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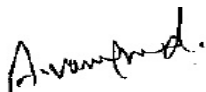
List of screened molecules and not detected (* = limit of quantification)**IR422 IR Pesticides GC-MS/MS as per USP 561 (LOQ* mg/kg)**

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)	Etrimfos (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.


Mr Vara Prasad Babu A**Assistant Manager - Chemical**

LOQ = Limit of Quantification

MRL = Maximum Residue Level

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

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