



GEO-CHEM LABORATORIES PVT.LTD.
 Pragati, Adjacent to Crompton Greaves,
 Kanjur Marg (E), Mumbai 400042.
 Tel : +91 22 61915100 Fax : +91 22 61915101
 Email : laboratory@geochem.net.in
 CIN: U74220MH1964PTC013022

International
 Independent Inspection
 &
 Testing Company

TEST CERTIFICATE

Analysis No. : MISC/17/07/009124
 Date : 09/08/2017

Party's Name & Address : Home Insect Control Association
 C/o. Jyothy Laboratories Limited
 Ujala House, Ramakrishna Mandir Road,
 Kondivita, Andheri(E), Mumbai - 400059

Ref. no. and Date : Letter Dated 13/07/2017
 Sample Received on : 27/07/2017
 Date of Analysis : 28/07/2017 - 08/08/2017
 Sample Described as : Marshal's Killer Citronella Incense Sticks
 Tested to Specification : Nil
 Stamped by / Seal : Nil
 ID Mark : Nil

Sr. No.	Test Pesticides :	Method/Technique	Result	Unit of Measure	Detection Limit
1.	Aldrin (Aldrin and dieldrin combined expressed as dieldrin)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
2.	Chlordane (Cis - Trans)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
3.	Chlorothalonil	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
4.	2,4 DDT	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
5.	4,4 DDT	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
6.	2,4 DDD	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
7.	4,4 DDD	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
8.	2'4 DDE	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
9.	4'4 DDE	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
4.	4,4 -DDT	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
5.	2,4 -DDD	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
6.	4,4 - DDD	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
7.	2,4 - DDE	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
8.	4,4 - DDE	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
9.	2,4 - DDT	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
10.	Dicofol	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
11.	Dieldrin (see Aldrin)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
12.	Alpha Endosulphan	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
13.	Beta Endosulphan	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
14.	Endosulphan Sulphate	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
15.	Endrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
16.	Alpha HCH	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01

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 Proforma No.: GCLPL/QF/5.10/02

Issue No. 6

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17.	Beta HCH	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
18.	Delta HCH	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
19.	Heptachlor epoxide	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
20.	Heptachlor	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
21.	Lindane	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
22.	4-bromo-2-chlorophenol (metabolite of Profenophos)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
23.	Acephate	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
24.	Chlorfenvinphos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
25.	Chlorpyrifos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
26.	Chlorpyrifos methyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
27.	Diazinon	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
28.	Dichlorvos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
29.	Dimethoate (Including Omethoate)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
30.	Edifenphos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
31.	Ethion	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
32.	Etrimfos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
33.	Fenitrothion	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
34.	Iprobenphos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
35.	Fenthion-sulfone	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
36.	Fenthion-sulfoxide	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
37.	Malathion	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
38.	Malaoxon	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
39.	Methamidophos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
40.	Monocrotophos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
41.	Omethoate	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
42.	Oxydemeton- methyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
43.	Demeton-S-methylsulfone	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
44.	Parathion ethyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
45.	Parathion methyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
46.	Paraoxon methyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
47.	Phenthoate	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
48.	Phorate	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
49.	Phorate-sulfone	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
50.	Phorate-sulfoxide	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
51.	Phosalone	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
52.	Phosphamidon	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
53.	Pirimiphos-methyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
54.	Profenophos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
55.	Propetamphos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01

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Signature

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56.	Quinalphos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
57.	Temephos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
58.	Thiometon	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
59.	Triazophos	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
60.	Allethrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
61.	Bioallethrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
62.	Bifenthrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
63.	Cypermethrin I	GCMSMS/LCMS-MS	1.91	mg/kg(ppm)	0.01
64.	Cypermethrin II	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
65.	Cypermethrin III	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
66.	Cypermethrin IV	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
67.	Deltamethrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
68.	Ethofenprox (Etofenprox)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
69.	Fenpropathrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
70.	Fenvalerate & Esfenvalerate (sum of RR & SS isomers)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
71.	Fenvalerate & Esfenvalerate (sum of RS & SR isomers)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
72.	Lambda-cyhalothrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
73.	cis-Permethrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
74.	trans-Permethrin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
75.	tau- Fluvalinate I	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
76.	tau- Fluvalinate II	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
77.	Transfluthrin	GCMSMS/LCMS-MS	0.23	mg/kg(ppm)	0.01
78.	Cyfluthrin I	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
79.	Cyfluthrin II	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
80.	Cyfluthrin III	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
81.	Cyfluthrin IV	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
82.	Atrazine	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
83.	Flufenzine	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
84.	Simazine	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
85.	Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
86.	Metalaxyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
87.	Oxycarboxin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
88.	Propanil	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
89.	Bendiocarb	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
90.	Benfuracarb	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01

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N^o 268695



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91	Benomyl (see carbendazim)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
92	Carbaryl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
93	Carbofuran (Sum Of Carbofuran and 3 hydroxy-cabonfuran expressed as carbofuran)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
94	Carbosulfan	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
95	Dazomet (Methylisothiocyanate resulting from the use of dazomet and metam)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
96	Fenobucarb	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
97	Indoxacarb	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
98	Iprovalicarb	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
99	Methomy and Thiodicarb (Sum Of Methomy and thiodicarb expressed as methomyl)				
100	Propoxur	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
101	Thiobencarb (Benthiocarb)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
102	Thiodicarb (See Methomyl)	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
103	Fenarimol	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
104	Bitertanol	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
105	Difenoconazole	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
106	Flusilazole	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
107	Hexaconazole	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
108	Myclobutanil	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
109	Paclbutrazol	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
110	Penconazole	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
111	Propiconazole	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
112	Tebuconazole	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
113	Triadimefon	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
114	Triadimenol	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
115	Fenamidone	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
116	Iprodione	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
117	Famoxadone	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
118	Captafol	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
119	Captan	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
120	Carbendazim	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
121	Thiophanate-methyl	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
122	Acetamiprid	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
123	Clothianidin	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01
124	Imidacloprid	GCMSMS/LCMS-MS	N.D	mg/kg(ppm)	0.01

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