

Laboratory	Central Insecticides Laboratory, Directorate of Plant Protection, Quarantine and Storage, Ministry of Agriculture, NH IV, Faridabad, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	22.08.2014
Certificate Number	T-1673	Valid Until	21.08.2016
Last Amended on	20.01.2015	Page	1 of 4

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	BIOCIDES			
A.	Chemical Pesticides			
1.	Butachlor EC	Active ingredient	IS 9356: 1980	40 % to 55 %
2.	Cypermethrin EC	Active ingredient	IS 12016: 1987	5 % to 30 %
3.	Chlorpyrifos EC	Active ingredient	IS 8944 : 2005	15 % to 55 %
4.	Quinalphos EC	Active ingredient	IS 8028:1987	20 % to 30 %
5.	Quinalphos Tech	Active ingredient	IS 8072:1984	65 % to 75 %
6.	Methyl Parathion EC	Active ingredient	IS 2865:1978	40 % to 55 %
7.	Methyl Parathion DP	Active ingredient	IS 8960:1978	1 % to 3 %
8.	Methyl Parathion Tech.	Active ingredient	IS 2570:1980	85 % to 99 %
9.	Methyl Parathion Tech. Concentrate	Active ingredient	IS 9372:1980	70 % to 85 %
10.	Dimethoate EC	Active ingredient	IS 3903:1984	20 % to 35 %
11.	Dimethoate Tech.	Active ingredient	IS 3902:1975	80 % to 90 %
12.	Ethion EC	Active ingredient	IS 10319:1982	40 % to 55 %
13.	Ethion Tech.	Active ingredient	IS 10369:1982	85 % to 99 %

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14.	Pretilachlor EC	Active ingredient	IS 15160:2002	40 % to 55 %
15.	Pretilachlor Tech.	Active ingredient	IS 15158:2002	85 % to 99 %
16.	Profenofos EC	Active ingredient	IS 15240:2002	40 % to 55 %
17.	Profenofos Tech.	Active ingredient	IS 15238:2002	80 % to 95 %
18.	Triazophos EC	Active ingredient	IS 14937:2001	30 % to 45 %
19.	Triazophos Tech.	Active ingredient	IS 14936:2001	50 % to 70 %
20.	Alphamethrin EC	Active ingredient	IS 15602:2005	5 % to 15 %
21.	Alphamethrin Tech.	Active ingredient	IS 15616:2006	85 % to 99 %
22.	Hexaconazole EC	Active ingredient	IS 14550:1998	2 % to 7 %
23.	Hexaconazole Tech.	Active ingredient	IS 14549:1998	85 % to 99 %
24.	Chlorpyrifos + Cypermethrin EC	Active ingredient	IS 15235:2002	CPP = 40 % to 55 % Cyper = 2 % to 7 %
25.	Imidacloprid SL	Active ingredient	IS 15335:2003	10 % to 20 %
26.	Isoproturon WP	Active ingredient	IS 11995:1987	60 % to 80 %
27.	Metribuzin WP	Active ingredient	IS 13333:1992	60 % to 75 %
28.	Atrazine WP	Active ingredient	IS 12931:1990	40 % to 55 %
29.	Carbofuran CG	Active ingredient	IS 9360:1980	1 % to 5 %

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30.	Copper Oxychloride WP	Active ingredient	IS 1507:1977	40 % to 55 %
31.	Malathion EC	Active ingredient	IS 2567:1978	40 % to 55 %
32.	Fenvalerate EC	Active ingredient	IS 11997:1987	15 % to 55 %
33.	Cartap HCl Gr	Active ingredient	IS 14184:1994	1 % to 5 %
34.	Cartap SP	Active ingredient	IS 14183:1994	40 % to 60 %
35.	Phorate Gr	Active ingredient	IS 9359:1994	5 % to 15 %
36.	Deltamethrin EC	Active ingredient	IS 11996:1987	1% to 15 %
37.	Dichlorvos EC	Active ingredient	IS 5277:1978	60 % to 85 %
38.	Pendimethalin EC	Active ingredient	IS 12751:1989	20 % to 40 %
39.	Allethrin Mosquito coil	Active ingredient	IS 13438:1992	0.05 % to 3 %
B. Bio: Pesticides Formulation				
1.	<i>Trichoderma harzianum</i>	pH Moisture	CIL/Bio/SOP/5.4/01 IS 6940:1982	1 to 12 0.1 % to 15 %
2.	<i>Trichoderma viride</i>	pH Moisture	CIL/Bio/SOP/5.4/02 IS 6940:1982	1 to 12 0.1 % to 15 %
3.	<i>Verticillium lecanii</i>	pH Moisture	CIL/Bio/SOP/5.4/03 IS 6940:1982	1 to 12 0.1 % to 15 %
4.	<i>Paecilomyces lilacinus</i>	pH Moisture	CIL/Bio/SOP/5.4/04 IS 6940:1982	1 to 12 0.1 % to 15 %

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5.	<i>Beauveria bassiana</i>	pH Moisture	CIL/Bio/SOP/5.4/05 IS 6940:1982	1 to 12 0.1 % to 15 %
6.	<i>Metarhizium anisopliae</i>	pH Moisture	CIL/Bio/SOP/5.4/06 IS 6940:1982	1 to 12 0.1 % to 15 %
7.	<i>Pseudomonas fluorescens</i>	pH Moisture	CIL/Bio/SOP/5.4/07 IS 6940:1982	1 to 12 0.1 % to 15 %
-X-X-X-X-X-X-X-X-X-X-X-X-				