

Laboratory **Pesticide Formulation & Residue Analytical Centre, National Institute of Plant Health Management (NIPHM), Rajendranagar, Hyderabad, Telangana**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-5338** *(In lieu of T-2219)*

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CHEMICAL TESTING

I.	PESTICIDE FORMULATIONS			
A.	Synthetic Pesticide and their Formulation			
1.	Endosulfan Tech	Active Ingredient	Appendix A of IS 4344:1978 (Reaffirmed 2007)	2 % to 99.5 %
2.	Endosulfan EC	Active Ingredient	Appendix A of IS 4344:1978 (Reaffirmed 2007)	2 % to 50 %
3.	Monocrotophos Tech	Active Ingredient	Appendix B of IS 8025:1990 (Reaffirmed 2007)	2 % to 99.5 %
4.	Monocrotophos SL	Active Ingredient	Appendix B of IS 8025:1990 (Reaffirmed 2007)	2 % to 50 %
5.	Phorate Tech	Active Ingredient	Appendix A of IS 7976: 1976 (Reaffirmed 2007)	2 % to 99.5 %
6.	Phorate Encapsulated Granules	Active Ingredient	Appendix A of IS 7976: 1976 (Reaffirmed 2007)	2 % to 20 %
7.	Cypermethrin Tech	Active Ingredient	Appendix A of IS 12015: 1987 (Reaffirmed 2007)	2 % to 99.5 %
8.	Cypermethrin EC	Active Ingredient	Appendix A of IS 12015: 1987 (Reaffirmed 2007)	2 % to 50 %
9.	Fenvalerate Tech	Active Ingredient	Appendix A of IS 12003 : 1987 (Reaffirmed 2007)	2 % to 99.5 %
10.	Fenvalerate EC	Active Ingredient	Appendix A of IS 12003 : 1987 (Reaffirmed 2007)	2 % to 30 %
11.	Quinalphos Tech	Active Ingredient	Appendix A of IS 8072: 1984 (Reaffirmed 2007)	2 % to 99.5 %
12.	Quinalphos AF	Active Ingredient	Appendix A of IS 8072: 1984 (Reaffirmed 2007)	2 % to 50 %
13.	Quinalphos EC	Active Ingredient	Appendix A of IS 8072: 1984 (Reaffirmed 2007)	2 % to 50 %

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14.	Profenofos Tech	Active Ingredient	Annex A of IS 15238: 2002 (Reaffirmed 2009)	2 % to 99.5 %
15.	Profenofos EC	Active Ingredient	Annex A of IS 15238: 2002 (Reaffirmed 2009)	2 % to 70 %
16.	Deltamethrin Tech	Active Ingredient	Appendix A of IS 12005 : 1987 (Reaffirmed 2007)	2 % to 99.5 %
17.	Deltamethrin WP	Active Ingredient	Appendix A of IS 12005: 1987 (Reaffirmed 2007)	2 % to 20 %
18.	Deltamethrin EC	Active Ingredient	Appendix A of IS 12005 : 1987 (Reaffirmed 2007)	2 % to 20 %
19.	Imidacloprid Tech	Active Ingredient	Annex A of IS 15443 : 2004, (Reaffirmed 2009)	2 % to 99.5 %
20.	Imidacloprid SL	Active Ingredient	Annex A of IS 15443: 2004, (Reaffirmed 2009)	2 % to 40 %
21.	Imidacloprid WS	Active Ingredient	Annex A of IS 15443: 2004, (Reaffirmed 2009)	2 % to 80 %
22.	Acetamiprid Tech	Active Ingredient	SOP/PFRAC/216 Laboratory Validated Method by HPLC Date of Issue: 01/07/2013 Rev.No. 02	2 % to 99.5 %
23.	Acetamiprid SP	Active Ingredient	SOP/PFRAC/216 Laboratory Validated Method by HPLC Date of Issue: 01/07/2013 Rev.No. 02	2 % to 40 %
24.	Carbendazim Tech	Active Ingredient	Annex B of IS 8445:1991 (Reaffirmed 2007)	2 % to 99.5 %
25.	Carbendazim WP	Active Ingredient	Annex B of IS 8445:1991 (Reaffirmed 2007)	2 % to 99.5 %
26.	Chlorpyrifos Tech	Active Ingredient	Annex A of IS 8963: 2006, (Reaffirmed 2010)	2 % to 99.5 %
27.	Chlorpyrifos EC	Active Ingredient	Annex A of IS 8963: 2006, (Reaffirmed 2010)	2 % to 60 %
28.	Hexaconazole Tech	Active Ingredient	Annex A of IS 14549:1998 (Reaffirmed 2009)	2 % to 99.5 %

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29.	Hexaconazole EC	Active Ingredient	Annex A of IS 14549:1998 (Reaffirmed 2009)	2 % to 40 %
30.	Hexaconazole SC	Active Ingredient	Annex A of IS 14549:1998 (Reaffirmed 2009)	2 % to 40 %
31.	Ethion Tech	Active Ingredient	Appendix A of IS 10369 : 1982 (Reaffirmed 2009)	2 % to 99.5 %
32.	Ethion EC	Active Ingredient	Appendix A of IS 10369 : 1982 (Reaffirmed 2009)	2 % to 70 %
33.	Cypermethrin + Chlorpyrifos EC	Cypermethrin Content	Annex A of IS 15235:2002	2 % to 20 %
		Chlorpyrifos Content	Annex A of IS 15235:2002	2 % to 60 %
34.	Lambda Cyhalothrin Tech	Active Ingredient	Annex A of IS 14509:1997 (Reaffirmed 2007)	2 % to 99.5 %
35.	Lambda Cyhalothrin EC; WP	Active Ingredient	Annex A of IS 14509:1997 (Reaffirmed 2007)	2 % to 20 %
36.	Alpha-Cypermethrin Tech	Active Ingredient	Annex A of IS 15616: 2006 (Reaffirmed 2010)	2 % to 99.5 %
38.	Alpha-Cypermethrin EC	Active Ingredient	Annex A of IS 15616: 2006 (Reaffirmed 2010)	2 % to 25 %
39.	Lindane Tech	Active Ingredient	Appendix A of IS 882: 1984 (RA1998)	2 % to 99.5 %
40.	Lindane EC	Active Ingredient	Appendix A of IS 882: 1984 (RA 1998)	2 % to 40 %
41.	Lindane WP	Active Ingredient	Appendix A of IS 882: 1984 (RA 1998)	2 % to 40 %
42.	Lindane Dust	Active Ingredient	Appendix A of IS 882: 1984 (RA 1998)	2 % to 70 %
43.	Copper Oxy Chloride Tech	Active Ingredients	Appendix A of IS 1506:1977 (Reaffirmed 2007)	2 % to 80 %
44.	Copper Oxy Chloride WP	Active Ingredient	Appendix A of IS 1506:1977 (Reaffirmed 2007)	2 % to 60 %

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45.	Carbofuran Tech	Active Ingredient	IS 11019 : 1984 (Reaffirmed 2004)	2 % to 99.5 %
46.	Carbofuran Encapsulated Granules	Active Ingredient	IS 9360 : 1980 (Reaffirmed 2007)	1 % to 20 %
47.	Sulphur DP	Active Ingredient	IS 6444-1979, (Reaffirmed 2002)	2 % to 90 %
48.	Sulphur WP	Active Ingredient	IS 6444-1979, (Reaffirmed 2002)	2 % to 90 %
49.	Sulphur Tech	Active Ingredient	IS 6444-1979, (Reaffirmed 2002)	2 % to 99.5 %
50.	2,4 - D Sodium Salt Tech	Active Ingredient	IS 1488:1989, (Reaffirmed 2009)	2 % to 99.5 %
51.	Cartap Hydrochloride Tech	Active Ingredient	IS 14159: 1994, (Reaffirmed 2009)	2 % to 99.5 %
52.	Cartap Hydrochloride Granules	Active Ingredient	IS 14159: 1994, (Reaffirmed 2009)	2 % to 20 %
53.	Cartap Hydrochloride SP	Active Ingredient	IS 14159: 1994, (Reaffirmed 2009)	2 % to 60 %
54.	Glyphosate Tech	Active Ingredient	IS 12502 : 1988, (Reaffirmed 2009)	2 % to 99.5 %
55.	Glyphosate SL	Active Ingredient	IS 12502 : 1988, (Reaffirmed 2009)	2 % to 60 %
56.	Dichlorvos Tech	Active Ingredient	IS 4929 : 1978, (Reaffirmed 2007)	2 % to 99.5 %
57.	Dichlorvos EC	Active Ingredient	IS 5277 : 1978, (Reaffirmed 2007)	2 % to 90 %
58.	Propiconazole Tech	Active Ingredient	IS 15241 : 2002, (Reaffirmed 2009)	2 % to 99.5 %
59.	Propiconazole EC	Active Ingredient	IS 15241 : 2002, (Reaffirmed 2009)	2 % to 50 %

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60.	Tebuconazole Tech	Active Ingredient	IS 15165 : 2002, (Reaffirmed 2009)	2 % to 99.5 %
61.	Tebuconazole DS	Active Ingredient	IS 15159: 2002, (Reaffirmed 2009)	2 % to 20 %
62.	Tricyclazole Tech	Active Ingredient	SOP/PFRAC/243 Laboratory Validated Method using GC-FID Date of Issue: 27/01/2014 Rev.No. 01	2 % to 99.5 %
63.	Tricyclazole WP	Active Ingredient	SOP/PFRAC/243 Laboratory Validated Method using GC-FID Date of Issue: 27/01/2014 Rev.No. 01	2 % to 90 %
64.	Pretilachlor Tech	Active Ingredient	IS 15158:2002, (Reaffirmed 2009)	2 % to 99.5 %
65.	Pretilachlor EC	Active Ingredient	IS 15158:2002, (Reaffirmed 2009)	2 % to 60 %
66.	Isoprothiolane Tech	Active Ingredient	IS 15163 : 2002, (Reaffirmed 2009)	2 % to 99.5 %
67.	Isoprothiolane EC	Active Ingredient	IS 15163 : 2002, (Reaffirmed 2009)	2 % to 60 %
68.	Thiophanate Methyl Tech	Active Ingredient	IS 14551 : 1998, (Reaffirmed 2009)	2 % to 99.5 %
69.	Thiophanate Methyl WP	Active Ingredient	IS 14551 : 1998, (Reaffirmed 2009)	2 % to 90 %
70.	Fipronil Tech	Active Ingredient	SOP/PFRAC/244 Laboratory Validated Method using HPLC Date of Issue: 01/01/2014, Rev.No. 00	2 % to 99.5 %
71.	Fipronil SC	Active Ingredient	SOP/PFRAC/244 Laboratory Validated Method using HPLC Date of Issue: 01/01/2014 Rev.No. 00	2 % to 20 %

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72.	Fipronil GR	Active Ingredient	SOP/PFRAC/244 Laboratory Validated Method using HPLC Date of Issue: 01/01/2014 Rev.No. 00	2 % to 20 %
73.	Emmamectin Benzoate Tech	Active Ingredient	SOP/PFRAC/245 Laboratory Validated Method using HPLC Date of Issue: 01/08/2014 Rev.No. 01	2 % to 99.5 %
74.	Emmamectin Benzoate SG	Active Ingredient	SOP/PFRAC/245 Laboratory Validated Method using HPLC Date of Issue: 01/08/2014 Rev.No. 01	2 % to 20 %
75.	Emmamectin Benzoate EC	Active Ingredient	SOP/PFRAC/245 Laboratory Validated Method using HPLC Date of Issue: 01/08/2014 Rev.No. 01	2 % to 20 %
76.	Atrazine Tech	Active Ingredient	IS 12932:1990, (Reaffirmed 2007)	2 % to 99.5 %
77.	Atrazine WP	Active Ingredient	IS 12932:1990, (Reaffirmed 2007)	2 % to 60 %
78.	General Tests of Pesticides	Acidity or alkalinity	Clause.11.3 of.IS 6940: 1982 (Reaffirmed 2007)	0.01 % to 5.0%
		Emulsion Stability	Clause13.3 of.IS 6940: 1982 (Reaffirmed 2007)	Qualitative
		Cold Test,	Clause.13.1 of.IS 6940: 1982 (Reaffirmed 2007)	Qualitative
		Suspensibility	Clause.11.2 of.IS 6940: 1982 (Reaffirmed 2007)	10 % to 95 %
		Material insoluble in acetone	Clause.9 of.IS 6940: 1982 (Reaffirmed 2007)	0.1 % to 10 %
		Attrition Test	Clause.14.11 of.IS 6940: 1982 (Reaffirmed 2007)	Qualitative
		Water run-off	Annex B of.IS 9359: 1995 (Reaffirmed 2001)	Qualitative

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		Sieve Test	Clause.11.1&12.1 of.IS 6940: 1982 (Reaffirmed 2007)	0.1 % to 100 %
		Flash Point	IS:1448-(Part-20): 1960	20 °C to 30 °C
II.	FOOD & AGRICULTURAL PRODUCTS			
1.	Fruits & Vegetables	Pesticide Residues	In-House Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue 01/07/2015 (Rev. No. 01)	0.01% to 50%
		2,4-DDT		0.01% to 50 %
		4,4-DDD		0.01% to 50 %
		4,4-DDE		0.01% to 50 %
		4,4-DDT		0.01% to 50 %
		Acephate		0.01% to 50 %
		Acetamiprid		0.01% to 50 %
		Alachlor		0.01% to 50 %
		Aldrin		0.01% to 50 %
		Atrazine		0.01% to 50 %
		Benalaxyl		0.01% to 50 %
		Bendiocarb		0.01% to 50 %
		Bifenthrin		0.01% to 50 %
		Bitertenol		0.01% to 50 %
		Buprofezin		0.01% to 50 %
		Butachlor		0.01% to 50 %
		Captafol		0.01% to 50 %
		Captan		0.01% to 50 %
		Carbaryl		0.01% to 50 %
		Carbendazim		0.01% to 50 %
		Carbofuran		0.01% to 50 %
		Carboxin		0.01% to 50 %
		Chlorfenvinphos		0.01% to 50 %
		Chlorothalonil		0.01% to 50 %
		Chlorpropham		0.01% to 50 %
		Chlorpyrifos		0.01% to 50 %

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		Chlorpyrifos methyl		0.01% to 50 %
		Coumatetralyl		0.01% to 50 %
		Cyfluthrin		0.01% to 50 %
		Cypermethrin		0.01% to 50 %
		Deltamethrin		0.01% to 50 %
		Diazinon	In-House Validated Method SOP/QP/PFRAC/102 -GCMS- MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue 01/07/2015 (Rev.no.01)	0.01% to 50 %
		Dichlorvos		0.01% to 50 %
		Dicofol		0.01% to 50 %
		Dieldrin		0.01% to 50 %
		Difenconazole		0.01% to 50 %
		Dimethoate		0.01% to 50 %
		Diuron		0.01% to 50 %
		Edifenphos		0.01% to 50 %
		Emmamectin benzoate		0.01% to 50 %
		Endosulfan beta		0.01% to 50 %
		Endosulfan sulphate		0.01% to 50 %
		Endosulfan-alpha		0.01% to 50 %
		Endrin		0.01% to 50 %
		Ethion		0.01% to 50 %
		Ethofenprox		0.01% to 50 %
		Fenitrothion		0.01% to 50 %
		Fenobucarb		0.01% to 50 %
		Fenoxaprop p ethyl		0.01% to 50 %
		Fenpropathrin		0.01% to 50 %
		Fenthion		0.01% to 50 %
		Fenvalerate		0.01% to 50 %
		HCH – Alpha		0.01% to 50 %
		HCH - Beta		0.01% to 50 %
		HCH - Delta		0.01% to 50 %
		Heptachlor		0.01% to 50 %

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		Hexythiozox		0.01% to 50 %
		Imidacloprid		0.01% to 50 %
		Iprobenfos		0.01% to 50 %
		Isoproturon		0.01% to 50 %
		Lambda - Cyhalothrin		0.01% to 50 %
		Lindane		0.01% to 50 %
		Linuron	In-House Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue 01/07/2015 (Rev.no.01)	0.01% to 50 %
		Malathion		0.01% to 50 %
		Metalaxyl		0.01% to 50 %
		Methomyl		0.01% to 50 %
		Methoxy Fenozide		0.01% to 50 %
		Methyl Parathion		0.01% to 50 %
		Metolachlor		0.01% to 50 %
		Metribuzin		0.01% to 50 %
		Monocrotophos		0.01% to 50 %
		Myclobutanil		0.01% to 50 %
		Omethoate		0.01% to 50 %
		Paclobutrazol		0.01% to 50 %
		Parathion ethyl		0.01% to 50 %
		Penconazole		0.01% to 50 %
		Pendimethalin		0.01% to 50 %
		Permethrin		0.01% to 50 %
		Phenol, 4-bromo-2-chloro-		0.01% to 50 %
		Phorate		0.01% to 50 %
		Phosalone		0.01% to 50 %
		Phosmet		0.01% to 50 %
		Phosphamidon		0.01% to 50 %
		Pretilachlor		0.01% to 50 %
		Profenofos		0.01% to 50 %
		Propanil		0.01% to 50 %

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		Propiconazole		0.01% to 50 %
		Propoxur		0.01% to 50 %
		Quinalphos		0.01% to 50 %
		Simazine		0.01% to 50 %
		Spinosad		0.01% to 50 %
		Tau-Fluvalinate		0.01% to 50 %
		Tebuconazole		0.01% to 50 %
		Thiacloprid		0.01% to 50 %
		Thiamethoxam	In-House Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue 01/07/2015 (Rev.no.01)	0.01% to 50 %
		Thiobencarb		0.01% to 50 %
		Thiodicarb		0.01% to 50 %
		Thiophanate methyl		0.01% to 50 %
		Transfluthrin		0.01% to 50 %
		Triademefon		0.01% to 50 %
		Triademenol		0.01% to 50 %
		Triallate		0.01% to 50 %
		Triazophos		0.01% to 50 %
		Tricyclazole		0.01% to 50 %
		Trifluralin		0.01% to 50 %
2.	Cereals & Pulses	Pesticide Residues	In-House Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 01/07/2015 Rev.No. 01	0.01% to 50 %
		Acephate		0.01% to 50 %
		Acetamiprid		0.01% to 50 %
		Alachlor		0.01% to 50 %
		Aldrin		0.01% to 50 %
		Alpha Cypermethrin		0.01% to 50 %
		Alpha HCH		0.01% to 50 %
		Anilofos		0.01% to 50 %
		Atrazine		0.01% to 50 %
		Azoxystrobin		0.01% to 50 %
		Benalaxyl		0.01% to 50 %
		Benalaxyl-M		0.01% to 50 %
		Bendiocarb		0.01% to 50 %

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		Bensulfuron methyl		0.01% to 50 %
		Beta Cyfluthrin		0.01% to 50 %
		Beta HCH		0.01% to 50 %
		Bifenazate		0.01% to 50 %
		Bifenthrin		0.01% to 50 %
		Bitertenol		0.01% to 50 %
		Buprofezin		0.01% to 50 %
		Butachlor		
		Carbaryl	In-House Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 01/07/2015 Rev.No. 01	0.01% to 50 %
		Carbendazim		0.01% to 50 %
		Carbofuran		0.01% to 50 %
		Carbofuran-3-hydroxy		0.01% to 50 %
		Carboxin		0.01% to 50 %
		Chlorantraniliprole		0.01% to 50 %
		Chlorfenvinphos		0.01% to 50 %
		Chlorothalonil		0.01% to 50 %
		Chlorpropham		0.01% to 50 %
		Chlorpyrifos		0.01% to 50 %
		Chlorpyrifos Methyl		0.01% to 50 %
		Chlothianidin		0.01% to 50 %
		Clodinafop-Propagyl Ester		0.01% to 50 %
		Clomazone		0.01% to 50 %
		Coumatetralyl		0.01% to 50 %
		Cyfluthrin		0.01% to 50 %
		Cymoxanil		0.01% to 50 %
		Delta HCH		0.01% to 50 %
		Deltamethrin		0.01% to 50 %
		Demethon-S-methyl sulfone		0.01% to 50 %
		Diazinon		0.01% to 50 %
		Dichlorvos		0.01% to 50 %

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		Dicofol		0.01% to 50 %
		Diclofop-Methyl		0.01% to 50 %
		Difenconazole		0.01% to 50 %
		Difenthiuron		0.01% to 50 %
		Dimethoate		0.01% to 50 %
		Diuron		0.01% to 50 %
		Edifenphos		0.01% to 50 %
		Endosulfan		0.01% to 50 %
		Endosulfan Sulphate		0.01% to 50 %
		Endrin		0.01% to 50 %
		Esfenvalerate	In-house Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 01/07/2015 Rev.No. 01	0.01% to 50 %
		Ethion		0.01% to 50 %
		Ethofenprox		0.01% to 50 %
		Fenamidone		0.01% to 50 %
		Fenarimol		0.01% to 50 %
		Fenitrothion		0.01% to 50 %
		Fenobucarb		0.01% to 50 %
		Fenoxaprop-p-Ethyl		0.01% to 50 %
		Fenpropathrin		0.01% to 50 %
		Fenpyroximate		0.01% to 50 %
		Fenthion		0.01% to 50 %
		Fenvalerate		0.01% to 50 %
		Fipronil		0.01% to 50 %
		Fipronil Sulfone		0.01% to 50 %
		Flubendiamide		0.01% to 50 %
		Fluchloralin		0.01% to 50 %
		Flufenacet		0.01% to 50 %
		Flufenoxuron		0.01% to 50 %
		Flusilazole		0.01% to 50 %
		Heptachlor		0.01% to 50 %
		Hexaconazole		0.01% to 50 %

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Laboratory **Pesticide Formulation & Residue Analytical Centre, National Institute of Plant Health Management (NIPHM), Rajendranagar, Hyderabad, Telangana**

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		Hexazinone		0.01% to 50 %
		Hexythiazox		0.01% to 50 %
		Imidacloprid		0.01% to 50 %
		Indoxacarb		0.01% to 50 %
		Iprobenfos		0.01% to 50 %
		Iprovalicarb		0.01% to 50 %
		Kresoxim Methyl		0.01% to 50 %
		Lambda Cyhalothrin		0.01% to 50 %
		Lindane/ Gamma-HCH		0.01% to 50 %
		Linuron		0.01% to 50 %
		Lufenuron		0.01% to 50 %
		Malathion	In-house Validated Method SOP/QP/PFRAC/102 -GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 01/07/2015 Rev.No. 01	0.01% to 50 %
		Mandipropamid		0.01% to 50 %
		Mesosulfuron-Methyl		0.01% to 50 %
		Metalaxyl		0.01% to 50 %
		Methyl Parathion		0.01% to 50 %
		Metolachlor		0.01% to 50 %
		Monocrotophos		0.01% to 50 %
		Myclobutanil		0.01% to 50 %
		Novaluron		0.01% to 50 %
		Oxydemeton-Methyl		0.01% to 50 %
		4,4 - DDD		0.01% to 50 %
		4,4-DDE		0.01% to 50 %
		2,4-DDT		0.01% to 50 %
		4,4- DDT		0.01% to 50 %
		Paclobutrazol		0.01% to 50 %
		Parathion Ethyl		0.01% to 50 %
		Penconazole		0.01% to 50 %
		Pencycuron		0.01% to 50 %
		Pendimethalin		0.01% to 50 %

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		Phenthoate		0.01% to 50 %
		Phorate		0.01% to 50 %
		Phosalone		0.01% to 50 %
		Phosphamidon		0.01% to 50 %
		Pirimiphos methyl		0.01% to 50 %
		Pretilachor		0.01% to 50 %
		Procymidone		0.01% to 50 %
		Profenofos		0.01% to 50 %
		Propanil		0.01% to 50 %
		Propiconazole		0.01% to 50 %
		Propoxur		0.01% to 50 %
		Pyrachlostrobin		0.01% to 50 %
		Pyriproxyfen		0.01% to 50 %
		Quinalphos	In-House Validated Method SOP/QP/PFRAC/102 -GCMS- MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 01/07/2015 Rev.No. 01	0.01% to 50 %
		Quizalofop-Ethyl		0.01% to 50 %
		Simazine		0.01% to 50 %
		Spinosad A & B		0.01% to 50 %
		Spiromesifen		0.01% to 50 %
		Tau-Fluvalinate		0.01% to 50 %
		Tebuconazole		0.01% to 50 %
		Thiacloprid		0.01% to 50 %
		Thiamethoxam		0.01% to 50 %
		Thiobencarb		0.01% to 50 %
		Thiodicarb		0.01% to 50 %
		Thiomethoxam		0.01% to 50 %
		Thiophanate methyl		0.01% to 50 %
		Transfluthrin		0.01% to 50 %
		Triadimefon		0.01% to 50 %
		Triadimenol		0.01% to 50 %
		Triallate		0.01% to 50 %
		Triazophos		0.01% to 50 %

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		Trichlorfon		0.01% to 50 %
		Tricyclazole		0.01% to 50 %
		Trifloxistrobin		0.01% to 50 %
		Trifluralin		0.01% to 50 %
3.	Spices & Condiments	Pesticide Residues	In-House Validated Method SOP/QP/PFRAC/108 –GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue: 1/07/2015 Rev.No. 02	0.01% to 50 %
		Acephate		0.01% to 50 %
		Acetamiprid		0.01% to 50 %
		Alachlor		0.01% to 50 %
		Aldrin		0.01% to 50 %
		alpha HCH		0.01% to 50 %
		Anilofos		0.01% to 50 %
		Atrazine		0.01% to 50 %
		Azoxystrobin		0.01% to 50 %
		Benalaxyl		0.01% to 50 %
		Benalaxyl-M		0.01% to 50 %
		Bendiocarb		0.01% to 50 %
		Bensulfuron methyl		0.01% to 50 %
		Beta Cyfluthrin		0.01% to 50 %
		Beta HCH		0.01% to 50 %
		Bifenazate		0.01% to 50 %
		Bifenthrin		0.01% to 50 %
		Bitertanol		0.01% to 50 %
		Buprofezin		0.01% to 50 %
		Butachlor		0.01% to 50 %
		Carbaryl		0.01% to 50 %
		Carbendazim		0.01% to 50 %
		Carbofuran		0.01% to 50 %
		Carbofuran-3-hydroxy		0.01% to 50 %
		Carboxin		0.01% to 50 %
		Chlorantraniliprole		0.01% to 50 %
		Chlorfenvinphos		0.01% to 50 %
		Chlorothalonil		0.01% to 50 %

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		chlorpropham		0.01% to 50 %
		Chlorpyrifos		0.01% to 50 %
		Chlorpyrifos methyl		
		Clothianidin	In-House Validated Method SOP/QP/PFRAC/108 –GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue: 1/07/2015 Rev.No. 02	0.01% to 50 %
		Clodinafop-Propagyl ester		0.01% to 50 %
		Clomazone		0.01% to 50 %
		Coumatetralyl		0.01% to 50 %
		Cyfluthrin		0.01% to 50 %
		Cymoxanil		0.01% to 50 %
		Cypermethrin		0.01% to 50 %
		Delta HCH		0.01% to 50 %
		Deltamethrin		0.01% to 50 %
		Demethon-S-methyl		0.01% to 50 %
		Diazinon		0.01% to 50 %
		Dichlorvos		0.01% to 50 %
		Dicofol		0.01% to 50 %
		Diclofop-methyl		0.01% to 50 %
		Difconazole		0.01% to 50 %
		Difenthiuron		0.01% to 50 %
		Dimethoate		0.01% to 50 %
		Diuron		0.01% to 50 %
		Edifenphos		0.01% to 50 %
		Endosulfan alpha & beta		0.01% to 50 %
		Endosulfan Sulphate		0.01% to 50 %
		Endrin		0.01% to 50 %
		Esfenvalerate		0.01% to 50 %
		Ethion		0.01% to 50 %
		Etifenprox		0.01% to 50 %
		Fenamidone		0.01% to 50 %
		Fenarimol		0.01% to 50 %

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		Fenitrothion		0.01% to 50%
		Fenobucarb		0.01% to 50 %
		Fenoxaprop-p-ethyl		0.01% to 50 %
		Fenpropathrin		0.01% to 50 %
		Fenpyroximate		0.01% to 50 %
		Fenthion	In-House Validated Method SOP/QP/PFRAC/108 –GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 1/07/2015 Rev.No. 02	0.01% to 50 %
		Fenvalerate		0.01% to 50 %
		Fipronil		0.01% to 50 %
		Fipronil Sulfone		0.01% to 50 %
		Flubendiamide		0.01% to 50 %
		Fluchloralin		0.01% to 50 %
		Flufenacet		0.01% to 50 %
		Flufenoxuron		0.01% to 50 %
		Flusilazole		0.01% to 50 %
		Heptachlor		0.01% to 50 %
		Hexaconazole		0.01% to 50 %
		Hexazinone		0.01% to 50 %
		Hexythiazox		0.01% to 50 %
		Imidacloprid		0.01% to 50 %
		Indoxacarb		0.01% to 50 %
		Iprobenfos		0.01% to 50 %
		Iprovalicarb		0.01% to 50 %
		Kresoxim methyl		0.01% to 50 %
		Lambda cyhalothrin		0.01% to 50 %
		Lindane/Gamma-HCH		0.01% to 50 %
		Linuron		0.01% to 50 %
		Lufenuron		0.01% to 50 %
		Malathion		0.01% to 50 %
		Mandipropamid		0.01% to 50 %
		Mesosulfuron-Methyl		0.01% to 50 %
		Metalaxyl		0.01% to 50 %
		Methyl Parathion		0.01% to 50 %

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		Metolachlor		0.01% to 50 %
		Monocrotophos		0.01% to 50 %
		Myclobutanil		0.01% to 50 %
		Novaluron		0.01% to 50 %
		Oxydemeton-Methyl		0.01% to 50 %
		p,p - DDD	In-House Validated Method SOP/QP/PFRAC/108 –GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue: 1/07/2015 Rev.No. 02	0.01% to 50 %
		p,p - DDE		0.01% to 50 %
		o,p - DDT		0.01% to 50 %
		p,p - DDT		0.01% to 50 %
		Paclobutrazol		0.01% to 50 %
		Parathion Ethyl		0.01% to 50 %
		Penconazole		0.01% to 50 %
		Pencycuron		0.01% to 50 %
		Pendimethalin		0.01% to 50 %
		Phenthoate		0.01% to 50 %
		Phorate		0.01% to 50 %
		Phosalone		0.01% to 50 %
		Phosphamidon		0.01% to 50 %
		Pirimiphos methyl		0.01% to 50 %
		Pretilachor		0.01% to 50 %
		Procymidone		0.01% to 50 %
		Profenofos		0.01% to 50 %
		Propanil		0.01% to 50 %
		Propiconazole		0.01% to 50 %
		Propoxur		0.01% to 50 %
		Pyrachlostrobin		0.01% to 50 %
		Pyriproxyfen		0.01% to 50 %
		Quinalphos		0.01% to 50 %
		Quizalofop-Ethyl		0.01% to 50 %
		Simazine		0.01% to 50 %
		Spinosad A & B		0.01% to 50 %

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Spiromesifen		0.01% to 50 %
		Tau-Fluvalinate		0.01% to 50 %
		Tebuconazole		0.01% to 50 %
		Thiacloprid		0.01% to 50 %
		Thiamethoxam		0.01% to 50 %
		Thiobencarb		0.01% to 50 %
		Thiodicarb	In-House Validated Method SOP/QP/PFRAC/108 –GCMS-MS & LCMS-MS based on AOAC 2007.01 (2012) Date of Issue : 1/07/2015 Rev.No. 02	0.01% to 50 %
		Thiomethoxam		0.01% to 50 %
		Thiophanate methyl		0.01% to 50 %
		Transfluthrin		0.01% to 50 %
		Triadimefon		0.01% to 50 %
		Triadimenol		0.01% to 50 %
		Triallate		0.01% to 50 %
		Triazophos		0.01% to 50 %
		Trichlorfon		0.01% to 50 %
		Tricyclazole		0.01% to 50 %
		Trifloxistrobin		0.01% to 50 %
		Trifluralin		0.01% to 50 %
4.	Contaminants in Herbal Products/ Herbal Pesticides	2,4-DDT	In-House Validated method SOP/QP/PFRAC/103 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue : 01/03/2013 Rev.No. 01 Residues up to 1000 mg/kg Analyzed by Mass Spectrometer and Above That Quantification is done by GC-FID and or by HPLC With UV or PDAD	0.0001 % to 10 %
		4,4-DDD		0.0001 % to 10 %
		4,4-DDE		0.0001 % to 10 %
		4,4-DDT		0.0001 % to 10 %
		Acephate		0.0001 % to 10 %
		Acetamiprid		0.0001 % to 10 %
		Alachlor		0.0001 % to 10 %
		Aldrin		0.0001 % to 10 %
		Atrazine		0.0001 % to 10 %
		Benalaxyl		0.0001 % to 10 %
		Bendiocarb		0.0001 % to 10 %
		Bifenthrin		0.0001 % to 10 %
		Bitertenol		0.0001 % to 10 %
		Buprofezin		0.0001 % to 10 %

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Butachlor		0.0001 % to 10 %
		Captafol		0.0001 % to 10 %
		Captan		0.0001 % to 10 %
		Carbaryl		0.0001 % to 10 %
		Carbendazim		0.0001 % to 10 %
		Carbofuran		0.0001 % to 10 %
		Carboxin		0.0001 % to 10 %
		Chlorfenvinphos		0.0001 % to 10 %
		Chlorothalonil		0.0001 % to 10 %
		Chlorpropham		0.0001 % to 10 %
		Chlorpyrifos		0.0001 % to 10 %
		Chlorpyrifos methyl		0.0001 % to 10 %
		Coumatetralyl		0.0001 % to 10 %
		Cyfluthrin		0.0001 % to 10 %
		Cypermethrin		0.0001 % to 10 %
		Deltamethrin		0.0001 % to 10 %
		Diazinon	In-House Validated Method SOP/QP/PFRAC/103 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue : 01/03/2013 Rev.No. 01 Residues up to 1000 mg/kg Analysed by Mass Spectrometer and Above that Quantification Is Done by GC-FID and or by HPLC With UV or PDAD	0.0001 % to 10 %
		Dichlorvos		0.0001 % to 10 %
		Dicofol		0.0001 % to 10 %
		Dieldrin		0.0001 % to 10 %
		Difenconazole		0.0001 % to 10 %
		Dimethoate		0.0001 % to 10 %
		Diuron		0.0001 % to 10 %
		Edifenphos		0.0001 % to 10 %
		Emamectin benzoate		0.0001 % to 10 %
		Endosulfan beta		0.0001 % to 10 %
		Endosulfan sulphate		0.0001 % to 10 %
		Endosulfan-alpha		0.0001 % to 10 %
		Endrin		0.0001 % to 10 %
		Ethion		0.0001 % to 10 %

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Ethofenprox		0.0001 % to 10 %
		Fenitrothion		0.0001 % to 10 %
		Fenobucarb		0.0001 % to 10 %
		Fenoxaprop p ethyl		0.0001 % to 10 %
		Fenpropathrin		0.0001 % to 10 %
		Fenthion		0.0001 % to 10 %
		Fenvalerate		0.0001 % to 10 %
		HCH - Alpha		0.0001 % to 10 %
		HCH - Beta		0.0001 % to 10 %
		HCH - Delta		0.0001 % to 10 %
		Heptachlor		0.0001 % to 10 %
		Hexaconazole		0.0001 % to 10 %
		Hexythiozox		0.0001 % to 10 %
		Imidacloprid		0.0001 % to 10 %
		Iprobenfos		0.0001 % to 10 %
		Isoproturon		0.0001 % to 10 %
		Lambda - Cyhalothrin		0.0001 % to 10 %
		Lindane		0.0001 % to 10 %
		Linuron	In-House Validated Method SOP/QP/PFRAC/103 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue : 01/03/2013 Rev.No. 01 Residues up to 1000 mg/kg Analysed by Mass Spectrometer and Above that Quantification is done by GC-FID and or by HPLC With UV or PDAD	0.0001 % to 10 %
		Malathion		0.0001 % to 10 %
		Metalaxyl		0.0001 % to 10 %
		Methomyl		0.0001 % to 10 %
		Methoxy Fenozide		0.0001 % to 10 %
		Methyl Parathion		0.0001 % to 10 %
		Metolachlor		0.0001 % to 10 %
		Metribuzin		0.0001 % to 10 %
		Monocrotophos		0.0001 % to 10 %
		Myclobutanil		0.0001 % to 10 %
		Omethoate		0.0001 % to 10 %
		Paclobutrazol		0.0001 % to 10 %
		Parathion ethyl		0.0001 % to 10 %

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Penconazole		0.0001 % to 10 %
		Pendimethalin		0.0001 % to 10 %
		Permethrin		0.0001 % to 10 %
		Phenol, 4-Bromo-2-Chloro-		0.0001 % to 10 %
		Phorate		0.0001 % to 10 %
		Phosalone		0.0001 % to 10 %
		Phosmet		0.0001 % to 10 %
		Phosphamidon		0.0001 % to 10 %
		Pretilachlor		0.0001 % to 10 %
		Profenofos		0.0001 % to 10 %
		Propanil		0.0001 % to 10 %
		Propiconazole		0.0001 % to 10 %
		Propoxur		0.0001 % to 10 %
		Quinalphos		0.0001 % to 10 %
		Simazine		0.0001 % to 10 %
		Spinosad		0.0001 % to 10 %
		Tau-Fluvalinate		0.0001 % to 10 %
		Tebuconazole		0.0001 % to 10 %
		Thiacloprid		0.0001 % to 10 %
		Thiamethoxam	In-House Validated Method SOP/QP/PFRAC/103 -GCMS-MS & LCMS-MS Based on AOAC 2007.01 (2012) Date of Issue : 01/03/2013 Rev.No. 01 Residues up to 1000 mg/kg Analysed by Mass Spectrometer and Above that Quantification is Done by GC-FID and or by HPLC With UV or PDAD	0.0001 % to 10 %
		Thiobencarb		0.0001 % to 10 %
		Thiodicarb		0.0001 % to 10 %
		Thiophanate methyl		0.0001 % to 10 %
		Transfluthrin		0.0001 % to 10 %
		Triademefon		0.0001 % to 10 %
		Triademenol		0.0001 % to 10 %
		Triallate		0.0001 % to 10 %
		Triazophos		0.0001 % to 10 %
		Tricyclazole		0.0001 % to 10 %
		Trifluralin		0.0001 % to 10 %

Anand Deep Gupta
Convenor

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