

Laboratory **Quality Assurance Lab, Rallis India Limited, C-5/6, MIDC, Phase-III, Shivani, Akola, Maharashtra**

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

Certificate Number **TC-5484 (in lieu of T-1577)**

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Validity **24.04.2017 to 23.04.2019**

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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
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CHEMICAL TESTING

I.	PESTICIDES FORMULATION			
1	Endosulfan 35% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Endo IS 4344:1978 Appendix A	30 to 40%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 /Vol.F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	30 to 40%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.01 to 1.15
2	Dimethoate 30%EC w/w,w/v	% Active Ingredient	SOP - RIL/AKO/WI/DMT IS 3903:1984 Appendix A (A2)	25 to 35%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	25 to 35%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.01 to 1.15

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

Laboratory Quality Assurance Lab, Rallis India Limited, C-5/6, MIDC, Phase-III, Shivani, Akola, Maharashtra

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3	Hexaconazole 5% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Hexa GLC Method	3 to 8%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96/ Vol. F	0.005 to 0.70%
		% Moisture (For Export)	IS 6940 (2362:1993) /CIPAC MT 30.1 FP-91 /Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	3 to 8%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.88 to 0.95
		pH	CIPAC MT 75,75.3 Vol.F	1 to 14
4	Alpha cyper methrin 10% EC w/w, w/v	Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
		% Active Ingredient	SOP - RIL/AKO/WI/Alpha GLC	7 to 13%
		% Acidity	IS 6940 - 1982 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 /Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 / CIPAC MT 36 / Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	CIPAC MT 46.3 Vol. F	7 to 13%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.88 to 0.95

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

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		pH	CIPAC MT 75,75.3 Vol. F	1 to 14
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
5	Profenofos 50% EC w/w, w/v	% Active Ingredient	SOP - IL/AKO/WI/ Profenofos GLC Method Issue No. 1 dt. 6.3.2009	45 to 55%
		% Acidity	IS 6940 - 1982 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.05 to 1.20
6	Fenvalerate 20% EC w/w, w/v	pH	CIPAC MT 75,75.3 Vol. F	1 to 14
		% Active Ingredient	SOP - RIL/AKO/WI/Fenv GLC Method issue No. 1dt. 5.3.2009	17 to 23%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) /CIPAC MT 30.1 FP-91 /Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1) Issue No 01 (2003-10)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	CIPAC MT 46.3 Vol. F	17 to 23%

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Convenor

N. Venkateswaran
Program Director

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		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.90 to 0.98
7	Chlorpyrifos 20% & 48 % EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/ CPP GLC Method Issue No.1 dt.25.7.2012 & 27.11.2008	17 to 23%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.05%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1) Issue No 01 (2003-10)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Relative density	IS 6940 / CIPAC MT 31.1.1 FP -96 / Vol. F	0.90 to 1.0
8	Isoprothiolane 40% EC w/w, w/v	% Active Ingredient	SOP- RIL/AKO/WI/ Isoprothiolane GLC Method. Issue No.1 dt.3.3.2009	35 to 45%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

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		Relative density	IS 6940 - 1982 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.95 to 1.05
9	Cypermethrin 25% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Cyper GLC Method. Issue No.1 dt.3.3.2009	20 to 30
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 /Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	20 to 30%
		Relative density	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.90 to 1.00
10	Cypermethrin 10% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Cyper GLC Method. Issue No. 1 dt. 3.3.2009	7 to 13%
		% Acidity	IS 6940 - 1982 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 / CIPAC MT 36 / Vol. F	0 to 2 ml
		Flash point	IS:1448 (P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

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		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS 6940 - 1982 (Method 13.3.2) / CIPAC MT 36 / Vol. F	7 to 13%
		Relative density	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.90 to 1.00
11	Cypermethrin 5% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Cyper GLC Method. Issue No.1 dt.3.3.2009	3 to 8%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS 6940(Method 13.3.2) / CIPAC MT 36 /Vol. F	3 to 8%
		Relative density	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.87 to 0.95
12	Ethion 40% + Cypermethrin 5% EC	% Active Ingredient	SOP - RIL/AKO/WI/Nagata GLC Method. Issue No. 1dt.6.3.2009	Ethion 35 to 40% Cyper 3 to 8 %
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Cold test as a qualitative

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
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13	Lambda cyhalothrin 5% EC w/w,w/v	% Active Ingredient	SOP - RIL/AKO/WI/Lambda HPLC Method. Issue No.1 dt.1.3.2009	3 to 8 %
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	CIPAC MT 46.3 Vol. F	3 to 8%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.87 to 0.95
		pH	CIPAC MT 75,75.3 Vol. F	1 to 14
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
14	Lambda cyhalothrin 2.5% EC w/w,w/v	% Active Ingredient	SOP - RIL/AKO/WI/Lambda HPLC Method issue No.1 dt.26.2.2009	1.5 to 3.5%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

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		Heat stability test at 54 +/- 2° C	CIPAC MT 46.3 Vol. F	1.5 to 3.5%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.87 to 0.95
		pH	CIPAC MT 75,75.3 Vol.F	1 to 14
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
15	Ethion 50% EC w/w, w/v & Ethion 46 % EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Ethion GLC Method	45 to 55%
		% Acidity	IS 6940(Method 11.3)/ CIPAC MT 31.1.3 FP -96	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	CIPAC MT 46.3 Vol. F	45 to 55%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.00 to 1.10
16	Hexaconazole 10% EC w/w, w/v	% Active Ingredient	Sop - RIL/AKO/WI/Hexa GLC Method. Issue No.1 dt.5.3.2009	7 to 13
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 - 1982 (Method 13.3.2) / CIPAC MT 36 / Vol. F	0 to 2 ml
		Flash point	IS:1448 (P:20)	22 to 65 °C

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
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		Cold test	IS : 6940 (Method 13.1) Issue No 01 (2003-10)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	7 to 13
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.89 to 0.98
		pH	CIPAC MT 75,75.3 Vol. F	1 to 14
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
17	Lambda cyhalothrin 2.8% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Lambda HPLC Method issue No.1 dt.26.2.2009	1.5 to 3.5%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP91 Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)-1982 Issue No. 01 Nov.1982	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Cold test as a qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	1.5 to 3.5%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.88 to 0.95
		pH	CIPAC MT 75,75.3 Vol. F	1 to 14
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
18	Malathion 57% EC w/w, w/v	% Active Ingredient	Sop - RIL/AKO/WI/Mala Alkali Hydrolysis. Issue No.1 dt. 27.11.2008	50 to 60%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%

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N. Venkateswaran
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		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	50 to 60%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.03 to 1.12
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
19	Malathion 50% EC w/w,w/v	% Active Ingredient	SOP - RIL/AKO/WI/Mala Alkali Hydrolysis Issue No.1 dt. 27.11.2008	45 to 55%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	45 to 55%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.01 to 1.11
		Persistent foam	CIPAC MT 47.1,47.2 Vol. F	0 to 60 ml
20	Imidacloprid 17.8% SL w/w, w/v & 20% SL w/v	% Active Ingredient	Sop - RIL/AKO/WI/Imida HPLC Method. Issue No.1 dt.30.11.2008	15 to 22%

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

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		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		Solution stability	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91/ Vol. F	Qualitative
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1) Issue No 01 (2003-10)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.1 ml
		Heat stability test at 54 +/- 2° C	CIPAC MT 46.3/Vol. F	15 to 22
		Relative density	IS : 6940 (Method 5.3) Issue No 01 (2003-10) / CIPAC MT 3 /Vol. F	1.05 to 1.15
		Persistent foam	CIPAC MT 47.1,47.2 -1994 (Updated -2010)/Vol. F	0 to 60 ml
21	Dimethoate 40% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Dmt % A.I By Alkaline Hydrolysis method as per IS:3903.Appendix A (A-2)	25 to 45%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP 96 Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Cold test as a qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	25 to 45%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.02 to 1.10

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

Laboratory Quality Assurance Lab, Rallis India Limited, C-5/6, MIDC, Phase-III, Shivani, Akola, Maharashtra

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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
22	Fenpyroximate 5% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/Fenpyrx HPLC Method. Issue No.1 dt.3.6.2011	3 to 8%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993)/ CIPAC MT 30.1 FP-91/Vol.F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Cold test as a qualitative
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	0.88 to 0.95
23	Chlorpyrifos 35% w/w, w/v +Cypermethrin 10% EC w/w, w/v	% Active Ingredient	SOP - RIL/AKO/WI/(CPP+ Cyper) GLC Method. Issue No.1 dt.3.2.2009	Chlorpyrifos 30 to 40% Cyper 7 to 13%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture (For Export)	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	Chlorpyrifos 30 to 40% Cyper 7 to 13%
24	Chlorpyrifos 50%	Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 / Vol. F	1.00 to 1.10
		% Active Ingredient	SOP - RIL/AKO/WI/ Koranda GLC Method. Issue No.1 dt.6.3.2009	Chlorpyrifos 45 to 55% Cyper 3 to 7%

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director

Laboratory Quality Assurance Lab, Rallis India Limited, C-5/6, MIDC, Phase-III, Shivani, Akola, Maharashtra

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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
	w/w, w/v + Cypermethrin 5% EC w/w, w/v	% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture (For Export)	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91/Vol.F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	Chlorpyrifos 45 to 55% Cyper 3 to 7%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.00 to 1.10
25	Pendimethalin 30% EC w/w, w/v	% Active Ingredient	SOP-RIL/AKO/WI/71 Rev No.-00 Date-20.05.2015 Issue No.1dt.26.12.2016	Pendimethalin 25 to 35%
		% Acidity	IS 6940 (Method 11.3) / CIPAC MT 31.1.1 FP -96 / Vol. F	0.005 to 0.70%
		% Moisture	IS 6940 (2362:1993) / CIPAC MT 30.1 FP-91 / Vol. F	0.01 to 0.5%
		Emulsion stability	IS 6940 (Method 13.3.2) / CIPAC MT 36 /Vol. F	0 to 2 ml
		Flash point	IS:1448(P:20)	22 to 65 °C
		Cold test	IS : 6940 (Method 13.1)	Qualitative
		Cold test	CIPAC MT 39/ Vol. F	0 to 0.3 ml
		Heat stability test at 54 +/- 2° C	IS : 6940 (Method 13.4) / CIPAC MT 46.1.3 Vol. F	25 to 35%
		Relative density	IS : 6940 (Method 5.3) / CIPAC MT 3 /Vol. F	1.00 to 1.10