

Laboratory	Isagro (Asia) Pesticides Testing Laboratory, Isagro (Asia) Agrochemicals Private Limited, 640 / G.I.D.C, Panoli, Dist:- Bharuch, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	05.08.2015
Certificate Number	T-2620	Valid Until	04.08.2017
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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	PESTICIDES			
1.	Synthetic Pesticides & their Formulations			
a.	Cypermethrin 10 % and 25 % EC Formulation	Description	IS 12016: 1987 (RA 2012) Clause. 2.2.1	Qualitative
		Cypermethrin Content percent by mass	IS 12015: 1987 (RA 2012) Appendix A-2	1.0 % to 30.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C
		Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
	Acidity (as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %	
b.	Fenvalerate 20% EC Formulation	Description	IS 11997: 1987 (RA 2012) Clause. 2.2.1	Qualitative
		Fenvalerate content percent by mass	IS 12003: 1987 (RA 2012) Appendix A-2	1.0 % to 30.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C

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	Fenvalerate 20% EC Formulation	Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
c.	Deltamethrin 2.8% EC Formulation	Description	IS 11996: 1987 (RA 2012) Clause. 2.2.1	Qualitative
		Deltamethrin Content percent by mass	IS 12005: 1987 (RA 2012) Appendix A-1	1.0 % to 10.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C
		Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
d.	Etofenprox 10% EC Formulation	Description	IS 14250: 1995 (RA 2004) Clause. 3.2.1	Qualitative
		Etofenprox Content percent by mass	IS 14249: 1995 (RA 2004) Annexure A-3	1.0 % to 20.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative

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	Etofenprox 10% EC Formulation	Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C
		Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
e.	Alphacypermethrin 10% EC Formulation	Description	IS 15602: 2005 Clause. 3.2.1	Qualitative
		Alphacypermethrin content percent by mass	IS 15616: 2006 (RA 2012) Annexure A-2	1.0 % to 20.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C
		Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
f.	Benalaxyl Technical	Description	T/14001: 2014 (IPTL/STP/15,DT: 19/05/2015, Issue No.01)	Qualitative
		Benalaxyl Content percent by mass		50 % to 99.9 %

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g.	Valifenalate Technical	Description	T/14002: 2014 (IPTL/STP/16,DT: 19/05/2015, Issue No.01)	Qualitative
		Valifenalate Content percent by mass		50 % to 99.9 %
h.	Fenpyroximate 5% EC Formulation	Description	F/14003: 2014 (IPTL/STP/17,DT: 19/05/2015, Issue No.01)	Qualitative
		Fenpyroximate content percent by mass		1.0 % to 10.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C
		Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
i.	Bifenthrin 10% EC Formulation	Description	F/14005: 2014 DT: 19/05/2015, Issue No.01	Qualitative
		Bifenthrin Content percent by mass	T/14004: 2014 (IPTL/STP/19,DT: 19/05/2015, Issue No.01)	1.0 % to 20.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C

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	Bifenthrin 10% EC Formulation	Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
j.	Imidacloprid 17.8% SL Formulation	Description	IS 15335: 2003 (RA 2009) Clause. 3.2.1	Qualitative
		Imidacloprid Content percent by mass	IS 15443: 2004 (RA 2009) Annexure A	1.0 % to 25.0 %
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %
k.	Deltamethrin 11% EC Formulation	Description	IS 11996: 1987 (RA 2012) Clause. 2.2.1	Qualitative
		Deltamethrin Content percent by mass	IS 12005: 1987 (RA 2012) Appendix A-1	1.0 % to 20.0 %
		Cold Test	IS 6940: 1982 (RA 2012) Clause. 13.1	Qualitative
		Flash point	IS 1448 (Part 20): 1998 (by Abel Apparatus)	19 °C to 70 °C

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	Deltamethrin 11% EC Formulation	Emulsion stability	IS 6940: 1982 (RA 2012) Clause. 13.3	0 to 5 ml
		Acidity(as H ₂ SO ₄) percent by mass	IS 6940: 1982 (RA 2012) Clause. 13.5.2	0.01 % to 4 %

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