

Laboratory **Bharat Rasayan Limited (Test Lab), Unit-II, Plot No. 42/4, Amod Road, GIDC, Dahej, District-Bharuch, Gujarat**

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

Certificate Number **TC-6506**

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Validity **15.11.2017 to 14.11.2019**

Last Amended on --

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. PESTICIDE FORMULATIONS				
1.	Lambda Cyhalothrin Technical	Lambda Cyhalothrin Content	IS 14509 (A-2 HPLC Method)	80 % to 100 %
		Moisture Content	IS 2362	0.001 % to 1 %
		Acidity as H ₂ SO ₄	IS 6940 (Method 11.3)	0.001 % to 0.5 %
2.	Imidacloprid Technical	Imidacloprid Content	IS 15443 HPLC Method	80 % to 100%
		Moisture Content	IS 2362	0.001 % to 2 %
		Acidity as H ₂ SO ₄ /Alkalinity as NaOH	IS 6940 (Method 11.3)	0.001 % to 2 %
3.	Phenthoate Technical	Phenthoate Content	BRL/SOP/005- HPLC Method Date of issue:11.05.17	80 % to 100 %
		Moisture Content	IS 2362	0.001 % to 1 %
		Acidity as H ₂ SO ₄	IS 6940 (Method 11.3)	0.001 % to 2 %
		Material Insoluble	IS 6940 (Method 9.0)	0.001 % to 1 %
		Sp.Gr @ 27°C	IS 6940 (Method 5.0)	1.20 to 1.24
4.	Ethion Technical	Ethion Content	CIPAC 102/TC(M)	80 % to 100 %
		Moisture Content	IS 2362	0.001 % to 2 %
		Acidity as H ₂ SO ₄	IS 6940 (Method 11.3)	0.001 % to 2 %
5.	Cypermethrin Technical	Cypermethrin Content	BRL/ SOP /004 - GC Method Date of issue: 18.05.17	90.0 % to 100 %
		Acidity	IS 6940 (Method 11.3)	0.001 % to 0.3 %
		Moisture Content	IS 2362	0.001 % to 1.0 %
		Cis – Trans ratio	IS 12015	50:50±20
6.	Tebuconazole Technical	Tebuconazole content	IS 15165 (GC Method)	80 % to 100 %
		Moisture Content	IS 2362	0.001 % to 2 %
		Alkalinity	IS 6940 (Method 11.3)	0.001 % to 2 %

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7.	Thiamethoxam Technical	Thiamethoxam Content	IS 15983 (HPLC Method)	90 % to 100 %
		Moisture Content	IS 2362	0.001 % to 1.0 %
		Material Insoluble in Acetone	IS 6940 (Method 9.0)	0.001 % to 2.0 %
8.	Diuron Technical	Diuron Content	IS 8702 (A-3 HPLC Method)	90 % 100 %
		Moisture Content	IS 2362	0.001 % to 1 %
		Acidity or Alkalinity	IS 6940 (Method 11.3)	0.001 % to 1 %
9.	Metribuzin Technical	Metribuzin Content	IS 13332 GC Method	90 % to 100 %
		Moisture Content	IS 2362	0.001 %to 1.0 %
		Acidity as H ₂ SO ₄	IS 6940 (Method 11.3)	0.001 % to 1.0 %
		Material Insoluble in Acetone	IS 6940 (Method 9.0)	0.001 % to 1.0 %
10.	Pendimethaline Technical	Pendimethaline Content	BRL/ SOP /008 – GC Method Date of issue:15.05.17	90 % to 100 %
		Acidity or Alkalinity	IS 6940 (Method 11.3)	0.001 % to 1.0 %
		Material Insoluble in Acetone	IS 6940 (Method 9.0)	0.001 % to 1.0 %