

Laboratory	Industrialisation & QADD Lab., Bayer Vapi Private Limited, Plot No. 306/3, IInd Phase, GIDC, Vapi, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	05.02.2015
Certificate Number	T-3283	Valid Until	04.02.2017
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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.	Fungicides			
a.	Penflufen+ Trifloxystrobin (FS)	Description	BVPL/SOP/4001	Qualitative
		pH	CIPAC MT- 75.3	1 to 12
		Wet Sieve Test 75 micron (W/W)	IS 6940: 1982 (RA 2012) Clause 11.1	98 % to 100 %
		Active Ingredient Penflufen (W/W)	BVPL/SOP/1013 based on AM006207KF4	12.5 % to 14 %
		Active Ingredient Trifloxystrobin (W/W)	BVPL/SOP/1013 based on AM006207KF4	12.5 % to 14 %
		Persistent Foam(Ml)	CIPAC MT -47.2	1 ml to 60 ml
		Pourability (W/W)	CIPAC MT -148.1	0.1 % to 5 %
b.	Penflufen- Technical	Description	BVPL/SOP/4001	Qualitative
		Moisture (W/W)	IS 6940: 1982 (RA 2012) Clause 4.1	0.05 % to 5 %
		Active Ingredient (W/W)	GC (In-house) BCS101	95.0 % to 100 %
		Insoluble In Acetone (W/W)	IS 6940: 1982 (RA 2012) Clause 9.0	0.01 % to 5 %
		Acidity As H ₂ SO ₄ (W/W)	IS 6940: 1982 (RA 2012) Clause 11.3.2	0.01 % to 5 %

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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
2.	Herbicide			
a.	Ethoxysulfuron + Triafamone (WG)	Description	BVPL/SOP/4001	Qualitative
		pH	CIPAC MT- 75.3	1 to 12
		Sieve Test (Wet) 75micron (W/W)	IS 6940: 1982 (RA 2012) Clause 11.1	98 % to 100 %
		Active Ingredient Ethoxysulfuron (W/W)	BVPL/SOP/ 1003 based on AM019511FF1	9 % to 11 %
		Active Ingredient Triafamone (W/W)	BVPL/SOP/ 1003 based on AM019511FF1	18 % to 22%
		Flowability (Material Retain on 5mm Sieve)	CIPAC MT- 172	0 to 100%
		Attrition Resistance (W/W)	CIPAC MT-178.2	60 % to 100%
		Suspensibility Ethoxysulfuron (W/W)	IS 6940: 1982 (RA 2012) Clause 11.2	60 % to 100%
		Suspensibility Trifamone (W/W)	IS 6940: 1982 (RA 2012) Clause 11.2	60 % to 100%
		Persistent Foam (MI)	CIPAC MT -47.2	1 to 60
		Degree Of Dispersion (W/W)	CIPAC MT- 174	60 % to 100%
		Moisture Content (W/W)	IS 6940: 1982 (RA 2012) Clause 4.1	0.01 % to 5%
		Wettability	IS 6940: 1982 (RA 2012) Clause 11.4	1 sec to 60 sec
		Dustiness	CIPAC MT- 171	0 mg to 12 mg

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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
3.	Insecticide			
a.	Flubendiamide - Technical	Description	BVPL/SOP/4001	Qualitative
		Active Ingredients (W/W)	BVPL/SOP/2001 based on 2005-0013501-03 E	95 % to 100 %
		Moisture (W/W)	IS 6940: 1982 (RA 2012) Clause 4.1	0.01 % to 5 %
		Acidity As H ₂ SO ₄ (W/W)	IS 6940: 1982 (RA 2012) Clause 11.3.2	0.01 % to 5 %
b.	Flupyradifurone - Technical	Description	BVPL/SOP/4001	Qualitative
		Active Ingredients (W/W)	BVPL/SOP/2002 Based on AM008809MP1	95 % to 100 %
		Moisture (W/W)	IS 6940: 1982 (RA 2012) Clause 4.1	0.01 % to 5 %
		Acidity As H ₂ SO ₄ (W/W)	IS 6940: 1982 (RA 2012) Clause 11.3.2	0.01 % to 5 %
		Insoluble in Acetone (W/W)	IS 6940: 1982 (RA 2012) Clause 9.0	0.01 % to 5 %
c.	Imidacloprid- Technical	Active Ingredients (W/W)	BVPL/SOP/2003 based on 2201-0260401-93E	95 % to 100%

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