

Laboratory **QA Laboratory of GSP Crop Science Private Limited, Unit-3,
Plot No. 1 and 2, GIDC Estate, Nandesari, Dist. Vadodara, Gujarat**

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

Certificate Number **TC-5180** Page 1 of 4

Validity **21.12.2017 to 20.12.2019** Last Amended on 03.01.2018

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			
A.	Insecticides			
1.	Chlorpyrifos	AI Content	IS 8963: 2006 (RA 2010) (Annexure A – 1 GLC)	75.0 % to 100.0 %
		Water Content	IS 6940: 1982 (RA 2012) Clause. 4.1 & IS 2362: 1993 (RA 2010)	0.005 % to 1.5 %
		Acidity as H ₂ SO ₄	IS 6940: 1982 (RA 2012) Clause. 11.3.2	0.0025 % to 5.0 %
		Material Insoluble in Acetone	IS 6940: 1982 (RA 2012) Clause. 9	0.005 % to 10.0 %
2.	Acephate	AI Content	IS 12915: 1990 (RA 2012) (Annexure A –A – 2 GLC)	75.0 % to 100.0 %
		Acidity as H ₂ SO ₄	IS 6940: 1982 (RA 2012) Clause. 11.3.2	0.0025 % to 5.0 %
		Material Insoluble in Water	IS 6940: 1982 (RA 2012) Clause. 9	0.005 % to 10.0 %
		Melting Point	IS 6940: 1982 (RA 2012) Clause. 6	45 °C to 250 °C
3.	Triazophos	AI Content	IS 14936: 2001 (RA 2012) (Annexure A –A – 1 HPLC)	45.0 % to 80.0 %
		Water Content	IS 6940: 1982 (RA 2012) Clause. 4.1 & IS 2362: 1993 (RA 2010)	0.005 % to 1.5 %
		Acidity as H ₂ SO ₄	IS 6940: 1982 (RA 2012) Clause. 11.3.2	0.0025 % to 5.0 %
		Material Insoluble in Acetone	IS 6940: 1982 (RA 2012) Clause. 9	0.005 % to 10.0 %
4.	Profenophos	AI Content	IS 15238: 2002 (RA 2009) (Annexure A –A – 1 GLC)	75.0 % to 100.0 %

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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
B.	Fungicides			
1.	Tricyclazol	AI Content	IS 15982: 2013(RA 2009) (Annexure A –A – 1 GLC)	75.0 % to 100.0 %
		Water Content	IS 6940: 1982 (RA 2012) Clause. 4.1 & IS 2362: 1993 (RA 2010)	0.005 % to 1.5 %
		Acidity as H ₂ SO ₄	IS 6940: 1982 (RA 2012) Clause. 11.3.2	0.0025 % to 5.0 %
2.	Hexaconazole	AI Content	IS 14549: 1998 (RA 2009) (Annexure A –A – 1 GLC)	75.0 % to 100.0 %
		Water Content	IS 6940: 1982 (RA 2012) Clause. 4.1 & IS 2362:1993 (RA 2010)	0.005 % to 1.5 %
		Acidity as H ₂ SO ₄	IS 6940: 1982 (RA 2012) Clause. 11.3.2	0.0025 % to 5.0 %
		Material Insoluble in Acetone	IS 6940: 1982 (RA 2012) Clause. 9	0.005 % to 10.0 %
3.	Tebuconazole	AI Content	IS 15165: 2002 (RA 2009) (Annexure A –A – 1 GLC) and QC/FP/MOA/25, Issue No. 01, Dated. 01–11–2016	75.0 % to 100.0 %
		Water Content	IS 6940: 1982 (RA 2012) Clause. 4.1 & IS 2362:1993 (RA 2010)	0.005 % to 1.5 %
		Acidity as H ₂ SO ₄ /Alkalinity	IS 6940: 1982 (RA 2012) Clause. 11.3.2	0.0025 % to 5.0 %
C.	Herbicides			
1.	Propanil	AI Content	QC/FP/MOA/07 Issue No. 02, Dated. 20 –10 – 2016	75.0 % to 100.0 %
		Water Content	IS 6940: 1982 (RA 2012) Clause. 4.1 & IS 2362: 1993 (RA 2010)	0.005 % to 1.5 %

