

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 1 of 13

**Validity** 31.01.2018 to 30.01.2020

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
-----	----------------------------	-------------------------	---	--

**CHEMICAL TESTING**

I.	RESIDUES IN FOOD PRODUCTS		
1.	<b>Pesticides</b>		
a.	<b>Fresh/ Processed, Fruits &amp; Vegetables (Grapes, Pomegranate, Mango, Papaya, Banana, Brinjal, Potato, Capsicum, Chilli, Tomato, Beans, Okra, Bottle guard, Bitter guard, Cucurbits, Onion, Baby corn and Garlic)</b>	Abamectin	SOP for Multi Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-01) (LCMS/MS) Issue No. 7 Date 09.11.15
		Acephate	
		Acetamiprid	
		Atrazine	
		Azinophos-Methyl	
		Azoxystrobin	
		Benalaxyl	
		Benomyl	
		Buprofezin	
		Carbaryl	
		Carbendazim	
		Carbofuran	
		Carbosulphan	
		Cartap hydrochloride	
		Clothianidin	
		Cymoxanil	
	Demeton-S-Methyl		
	Dichlofluanid		
	Difenconazole		
	Difenthiuron		
	Diflubenzuron		
	Dimethoate		
	Dimethomorph		
	Emamectin Benzoate		
	Etofenprox		
	Etrimphos		

**Anita Rani**  
Convenor

**N. Venkateswaran**  
Program Director

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 2 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Famoxadone		0.010mg/kg to 2.000mg/kg
		Fenamidone		0.010mg/kg to 2.000mg/kg
		Fenpyroximate		0.010mg/kg to 2.000mg/kg
		Flufenoxuron		0.010mg/kg to 2.000mg/kg
		Flusilazole		0.010mg/kg to 2.000mg/kg
		Hexaconazole		0.010mg/kg to 2.000mg/kg
		Imazalil		0.010mg/kg to 2.000mg/kg
		Imidacloprid		0.010mg/kg to 2.000mg/kg
		Indoxacarb		0.010mg/kg to 2.000mg/kg
		Iprobenphos		0.010mg/kg to 2.000mg/kg
		Iprovalicarb		0.010mg/kg to 2.000mg/kg
		Kresoxim methyl		0.010mg/kg to 2.000mg/kg
		Mevinphos		0.010mg/kg to 2.000mg/kg
		Metalaxyl		0.010mg/kg to 2.000mg/kg
		Methamidophos		0.010mg/kg to 2.000mg/kg
		Methomyl		0.010mg/kg to 2.000mg/kg
		Monocrotophos		0.010mg/kg to 2.000mg/kg
		Myclobutanil		0.010mg/kg to 2.000mg/kg
		Omethoate		0.010mg/kg to 2.000mg/kg
		Oxydemeton S Methyl		0.010mg/kg to 2.000mg/kg
		Penconazole		0.010mg/kg to 2.000mg/kg
		Phorate		0.010mg/kg to 2.000mg/kg
		Phosalone		0.010mg/kg to 2.000mg/kg
		Phosphamidon		0.010mg/kg to 2.000mg/kg
		Propargite		0.010mg/kg to 2.000mg/kg
		Propiconazole		0.010mg/kg to 2.000mg/kg
		Pyraclostrobin		0.010mg/kg to 2.000mg/kg
		Quinalphos		0.010mg/kg to 2.000mg/kg
		Simazine		0.010mg/kg to 2.000mg/kg
		Spinosad		0.010mg/kg to 2.000mg/kg
		Tebuconazole		0.010mg/kg to 2.000mg/kg
		Thiabendazole		0.010mg/kg to 2.000mg/kg

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 3 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Thiacloprid		0.010mg/kg to 2.000mg/kg
		Thiamethoxam		0.010mg/kg to 2.000mg/kg
		Thiodicarb		0.010mg/kg to 2.000mg/kg
		Thiophanate Methyl		0.010mg/kg to 2.000mg/kg
		Triadimefon		0.010mg/kg to 2.000mg/kg
		Triadimenol		0.010mg/kg to 2.000mg/kg
		Triazophos		0.010mg/kg to 2.000mg/kg
		Tridimorph		0.010mg/kg to 2.000mg/kg
		Trifloxistrobin		0.010mg/kg to 2.000mg/kg
		Alachlor		0.010mg/kg to 2.000mg/kg
		Benfuracarb		0.010mg/kg to 2.000mg/kg
		Bifenazate		0.010mg/kg to 2.000mg/kg
		Butachor		0.010mg/kg to 2.000mg/kg
		Carboxin		0.010mg/kg to 2.000mg/kg
		Dazomet		0.010mg/kg to 2.000mg/kg
		Dithianon		0.010mg/kg to 2.000mg/kg
		Diuron		0.010mg/kg to 2.000mg/kg
		Dodine		0.010mg/kg to 2.000mg/kg
		Edifenphos		0.010mg/kg to 2.000mg/kg
		Fenazaquin		0.010mg/kg to 2.000mg/kg
		Fenobucarb		0.010mg/kg to 2.000mg/kg
		Flubendiamide		0.010mg/kg to 2.000mg/kg
		Flufenacet		0.010mg/kg to 2.000mg/kg
		Flufenzine		0.010mg/kg to 2.000mg/kg
		Forchlorfenuron		0.010mg/kg to 2.000mg/kg
		Hexythiazox		0.010mg/kg to 2.000mg/kg
		Iodosulfuron-Methyl		0.010mg/kg to 2.000mg/kg
		Isoproturon		0.010mg/kg to 2.000mg/kg
		Isoprothiolane		0.010mg/kg to 2.000mg/kg
		Linuron		0.010mg/kg to 2.000mg/kg
		Lufenuron		0.010mg/kg to 2.000mg/kg
		Metolachlor		0.010mg/kg to 2.000mg/kg

Anita Rani  
Convenor

N. Venkateswaran  
Program Director

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 4 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		S-Metolachlor		0.010mg/kg to 2.000mg/kg
		Mandipropamid		0.010mg/kg to 2.000mg/kg
		Metribuzin		0.010mg/kg to 2.000mg/kg
		Milbemectin A3		0.010mg/kg to 2.000mg/kg
		Mibemectin A4		0.010mg/kg to 2.000mg/kg
		Novaluron		0.010mg/kg to 2.000mg/kg
		Oxycarboxin		0.010mg/kg to 2.000mg/kg
		Oxadiazon		0.010mg/kg to 2.000mg/kg
		Phenthoate		0.010mg/kg to 2.000mg/kg
		Pencycuron		0.010mg/kg to 2.000mg/kg
		Pirimiphos-methyl		0.010mg/kg to 2.000mg/kg
		Temephos		0.010mg/kg to 2.000mg/kg
		Thiometon		0.010mg/kg to 2.000mg/kg
		Triochlorfon		0.010mg/kg to 2.000mg/kg
		Tricyclazole		0.010mg/kg to 2.000mg/kg
		Thiobencarb		0.010mg/kg to 2.000mg/kg
		Demeton-S-methyl sulfone		0.010mg/kg to 2.000mg/kg
		Phorate Sulfone		0.010mg/kg to 2.000mg/kg
		Phorate Sulfoxide		0.010mg/kg to 2.000mg/kg
		Pendimethalin		0.010mg/kg to 2.000mg/kg
		3-Hydroxy-carbofuran		0.010mg/kg to 2.000mg/kg
		Propoxur		0.010mg/kg to 2.000mg/kg
		Paclobutrazole		0.010mg/kg to 2.000mg/kg
		Spiromesifen		0.010mg/kg to 2.000mg/kg
		3,4 Dichloroaniline		0.010mg/kg to 2.000mg/kg
		Cyazofamid		0.010mg/kg to 2.000mg/kg
		Dinotefuron		0.010mg/kg to 2.000mg/kg
		Flonicamid		0.010mg/kg to 2.000mg/kg
		Ametoctradin		0.010mg/kg to 2.000mg/kg
		Propamocarb		0.010mg/kg to 2.000mg/kg
		Pyridaben		0.010mg/kg to 2.000mg/kg

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 5 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Spirodiclofen		0.010mg/kg to 2.000mg/kg
		Tetraconazole		0.010mg/kg to 2.000mg/kg
		Chlorantraniliprole		0.010mg/kg to 2.000mg/kg
		Dinocap / Meptyldinocap	SOP for Dinocap / Meptyldinocap Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-02) (LCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		Glyphosate	SOP for Polar Compound (Glyphosate and AMPA)	0.010mg/kg to 2.000mg/kg
		Glufosinate Ammonium	Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-03) (LCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		3-Methyl Phosphinicopropionic acid (MPPA)		0.010mg/kg to 2.000mg/kg
		Aminomethylphosphonic acid (AMPA)		0.010mg/kg to 2.000mg/kg
		1-Naphthiacetic acid	SOP for Plant Growth Regulators Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-04) (LCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)		0.010mg/kg to 2.000mg/kg
		6-Benzyl adenine		0.010mg/kg to 2.000mg/kg
		Gibberellic acid		0.010mg/kg to 2.000mg/kg
		Chlormequat Chloride		0.010mg/kg to 2.000mg/kg
		Ethephon		0.010mg/kg to 2.000mg/kg
		Mepiquat		0.010mg/kg to 2.000mg/kg
		Paraquat		0.010mg/kg to 2.000mg/kg
		Diquat		0.010mg/kg to 2.000mg/kg
		Azadiractin		0.010mg/kg to 2.000mg/kg
		Homobrassinolide		0.010mg/kg to 2.000mg/kg
		Fostyl-AI		0.010mg/kg to 2.000mg/kg

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik- Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

**Page 6 of 13**

**Validity** 31.01.2018 to 30.01.2020

**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
		Uracil		0.50 mg/kg to 10.00mg/kg
		4-trifluoromethyl-3-Pyridincarboxylic acid (TFNA)		0.010mg/kg to 2.000mg/kg
		4-trifluoromethyl nicotinyl glycine (TFNG)		0.010mg/kg to 2.000mg/kg
		Phosphonic Acid		0.050mg/kg to 2.000mg/kg
		Nereistoxin oxalate		0.010mg/kg to 2.000mg/kg
		Thiocyclam hydrogenoxalate		0.010mg/kg to 2.000mg/kg
		4- CPA		0.010mg/kg to 2.000mg/kg
		4 Bromo-2-chloro phenol	SOP for Multi Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-01) (GCMS, GCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		Aldrin		0.010mg/kg to 2.000mg/kg
		Captafol		0.010mg/kg to 2.000mg/kg
		Captan		0.010mg/kg to 2.000mg/kg
		Chlordane		0.010mg/kg to 2.000mg/kg
		Cyfluthrin	SOP for Multi Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-01) (GCMS, GCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		Cypermethrin		0.010mg/kg to 2.000mg/kg
		Deltamethrin		0.010mg/kg to 2.000mg/kg
		Dicofol		0.010mg/kg to 2.000mg/kg
		Dieldrin		0.010mg/kg to 2.000mg/kg
		Endosulfan - $\alpha$		0.010mg/kg to 2.000mg/kg
		Endosulfan $\beta$		0.010mg/kg to 2.000mg/kg
		Endrin		0.010mg/kg to 2.000mg/kg
		Heptachlor		0.010mg/kg to 2.000mg/kg
		Lambda-Cyhalothrin		0.010mg/kg to 2.000mg/kg
		Lindane		0.010mg/kg to 2.000mg/kg
		op-DDT		0.010mg/kg to 2.000mg/kg
		Permethrin		0.010mg/kg to 2.000mg/kg

**Anita Rani**  
Convenor

**N. Venkateswaran**  
Program Director

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik- Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 7 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		pp-DDT		0.010mg/kg to 2.000mg/kg
		α- HCH		0.010mg/kg to 2.000mg/kg
		β- HCH		0.010mg/kg to 2.000mg/kg
		Bitertanol		0.010mg/kg to 2.000mg/kg
		Chlorfenvinphos		0.010mg/kg to 2.000mg/kg
		Chlorothalonil		0.010mg/kg to 2.000mg/kg
		Chlorpyriphos- ethyl		0.010mg/kg to 2.000mg/kg
		Chlorpyriphos- methyl		0.010mg/kg to 2.000mg/kg
		Diazinon		0.010mg/kg to 2.000mg/kg
		Dichlorvos		0.010mg/kg to 2.000mg/kg
		Ethion		0.010mg/kg to 2.000mg/kg
		Fenarimol		0.010mg/kg to 2.000mg/kg
		Fenitrothion		0.010mg/kg to 2.000mg/kg
		Fenthion		0.010mg/kg to 2.000mg/kg
		Fipronil		0.005mg/kg to 2.000mg/kg
		Iprodione		0.010mg/kg to 2.000mg/kg
		Malathion		0.010mg/kg to 2.000mg/kg
		Parathion-ethyl		0.010mg/kg to 2.000mg/kg
		Parathion-methyl		0.010mg/kg to 2.000mg/kg
		Profenophos		0.010mg/kg to 2.000mg/kg
		Oxyfluorfen		0.010mg/kg to 2.000mg/kg
		Allethrin / Bioallethrin		0.010mg/kg to 2.000mg/kg
		Benfluralin		0.010mg/kg to 2.000mg/kg
		Bendiocarb		0.010mg/kg to 2.000mg/kg
		Bifenthrin		0.010mg/kg to 2.000mg/kg
		DDE 2,4		0.010mg/kg to 2.000mg/kg
		DDE 4,4		0.010mg/kg to 2.000mg/kg
		DDD 4,4		0.010mg/kg to 2.000mg/kg
		Fenpropathrin		0.010mg/kg to 2.000mg/kg
		Fenvalerate&Esfenvalerate (sum of RR & SS Isomers)		0.010mg/kg to 2.000mg/kg

Anita Rani  
Convenor

N. Venkateswaran  
Program Director

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 8 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Fenvalerate & Esfenvalerate (sum of RS & SR Isomers)		0.010mg/kg to 2.000mg/kg
		Fipronil sulphone		0.005mg/kg to 2.000mg/kg
		Paraoxon methyl		0.010mg/kg to 2.000mg/kg
		Propetamphos		0.010mg/kg to 2.000mg/kg
		Propanil		0.010mg/kg to 2.000mg/kg
		tau-Fluvalinate		0.010mg/kg to 2.000mg/kg
		Trifluralin		0.010mg/kg to 2.000mg/kg
		Transfluthrin		0.010mg/kg to 2.000mg/kg
		Fenthion sulfone		0.010mg/kg to 2.000mg/kg
		Pyriproxifen		0.010mg/kg to 2.000mg/kg
		Endosulfan Sulphate		0.010mg/kg to 2.000mg/kg
		Heptachlor Epoxide		0.010mg/kg to 2.000mg/kg
		Malaoxon		0.010mg/kg to 2.000mg/kg
		Delta HCH		0.010mg/kg to 2.000mg/kg
		Chlorfenapyr		0.010mg/kg to 2.000mg/kg
		Chlorfluazuron	SOP for Multi Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-01) (LCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		Ethiprole		0.010mg/kg to 2.000mg/kg
		Etoxazole		0.010mg/kg to 2.000mg/kg
		Fluopicolide		0.010mg/kg to 2.000mg/kg
		Fluopyram		0.010mg/kg to 2.000mg/kg
		Fluxapyroxad		0.010mg/kg to 2.000mg/kg
		Metrafenone		0.010mg/kg to 2.000mg/kg
		Spinotoram		0.010mg/kg to 2.000mg/kg
		Tolfenpyrad		0.010mg/kg to 2.000mg/kg
		Cyntraniliprole		0.010mg/kg to 2.000mg/kg
		Cyflumetofen		0.010mg/kg to 2.000mg/kg
		Carbon disulphide	GCMS/MS method (SOP no. PRAL-NHRDF-05) Issue No. 7 Date 09.11.15	0.05mg/kg to 10.00mg/kg

Anita Rani  
Convenor

N. Venkateswaran  
Program Director



**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

**Page 9 of 13**

**Validity** 31.01.2018 to 30.01.2020

**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
		Lead Cadmium	SOP for copper pesticides and heavy metals Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-06) (ICP-OES) Issue No. 7 Date 09.11.15	0.02mg/kg to 10.00mg/kg 0.020mg/kg to 5.000mg/kg
		Sulphur Hydrogen Cynamide	SOP for Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-07) (HPLC) Issue No. 7 Date 09.11.15	0.20mg/kg to 10.00mg/kg 0.010mg/kg to 2.000mg/kg
<b>2.</b>	<b>Wines</b>	Total SO <sub>2</sub>	OIV-MA-AS-323-04A	48.0 mg/l to 500.00 mg/l
		Free SO <sub>2</sub>	OIV-MA-AS-323-04A	50 mg/l to 500.0 mg/l
		Volatile acidity (expressed as acetic acid)	IS: 7585:2000, Cl. 5.3	0.5 g/l to 10.0 g/l
		pH	IS: 7585:2000, Cl. 5.1	3.0 to 10.0
		Reducing Sugar	Gold Coast- PRAL-NHRDF-16	1.0 g/l to 10.0 g/l
		Total acidity	IS: 7585:2000, Cl. 5.2	3.0 g/l to 15.0 g/l
		Dry extract	OIV MA-AS2-O3A:R2009	10.0 g/l to 50.0 g/l
		Citric acid	OIV-MA-AS313-09	0.040 g/l to 10.0 g/l
		Total alcoholic strength	IS: 3752:2005, Cl 4.2	8.0% to 40.0%
		Actual alcoholic strength	IS: 3752:2005, Cl 4.2	8.0% to 20.0%
		Abamectin	SOP for Multi Residue Analysis, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-09) (LCMS/MS) Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		Acephate		0.010mg/kg to 2.000mg/kg
		Acetamiprid		0.010mg/kg to 2.000mg/kg
		Atrazine		0.010mg/kg to 2.000mg/kg
		Azoxystrobin		0.010mg/kg to 2.000mg/kg
		Benalaxyl		0.010mg/kg to 2.000mg/kg
		Benomyl		0.010mg/kg to 2.000mg/kg

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 10 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Buprofezin		0.010mg/kg to 2.000mg/kg
		Carbaryl		0.010mg/kg to 2.000mg/kg
		Carbendazim		0.010mg/kg to 2.000mg/kg
		Carbofuran		0.010mg/kg to 2.000mg/kg
		Carbosulphan		0.010mg/kg to 2.000mg/kg
		Cartap hydrochloride		0.010mg/kg to 2.000mg/kg
		Clothianidin		0.010mg/kg to 2.000mg/kg
		Cymoxanil		0.010mg/kg to 2.000mg/kg
		Difenconazole		0.010mg/kg to 2.000mg/kg
		Difenthiuron		0.010mg/kg to 2.000mg/kg
		Diflubenzuron		0.010mg/kg to 2.000mg/kg
		Dimethoate		0.010mg/kg to 2.000mg/kg
		Dimethomorph		0.010mg/kg to 2.000mg/kg
		Emamectin Benzoate		0.010mg/kg to 2.000mg/kg
		Etrimphos		0.010mg/kg to 2.000mg/kg
		Famoxadone		0.010mg/kg to 2.000mg/kg
		Fenamidone		0.010mg/kg to 2.000mg/kg
		Fenpyroximate		0.010mg/kg to 2.000mg/kg
		Flufenoxuron		0.010mg/kg to 2.000mg/kg
		Flusilazole		0.010mg/kg to 2.000mg/kg
		Hexaconazole		0.010mg/kg to 2.000mg/kg
		Imidacloprid		0.010mg/kg to 2.000mg/kg
		Indoxacarb		0.010mg/kg to 2.000mg/kg
		Iprobenphos		0.010mg/kg to 2.000mg/kg
		Iprovalicarb		0.010mg/kg to 2.000mg/kg
		Kresoxim methyl		0.010mg/kg to 2.000mg/kg
		Metalaxyl		0.010mg/kg to 2.000mg/kg
		Methamidophos		0.010mg/kg to 2.000mg/kg
		Methomyl		0.010mg/kg to 2.000mg/kg
		Monocrotophos		0.010mg/kg to 2.000mg/kg
		Myclobutanil		0.010mg/kg to 2.000mg/kg
		Omethoate		0.010mg/kg to 2.000mg/kg

Anita Rani  
Convenor

N. Venkateswaran  
Program Director

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 11 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Oxydemeton – Methyl		0.010mg/kg to 2.000mg/kg
		Penconazole		0.010mg/kg to 2.000mg/kg
		Phorate		0.010mg/kg to 2.000mg/kg
		Phosalone		0.010mg/kg to 2.000mg/kg
		Phosphamidon		0.010mg/kg to 2.000mg/kg
		Propiconazole		0.010mg/kg to 2.000mg/kg
		Pyraclostrobin		0.010mg/kg to 2.000mg/kg
		Quinalphos		0.010mg/kg to 2.000mg/kg
		Simazine		0.010mg/kg to 2.000mg/kg
		Spinosad		0.010mg/kg to 2.000mg/kg
		Tebuconazole		0.010mg/kg to 2.000mg/kg
		Thiacloprid		0.010mg/kg to 2.000mg/kg
		Thiamethoxan		0.010mg/kg to 2.000mg/kg
		Thiodicarb		0.010mg/kg to 2.000mg/kg
		Thiophanate Methyl		0.010mg/kg to 2.000mg/kg
		Triadimefon		0.010mg/kg to 2.000mg/kg
		Triadimenol		0.010mg/kg to 2.000mg/kg
		Triazophos		0.010mg/kg to 2.000mg/kg
		Tridimorph		0.010mg/kg to 2.000mg/kg
		Trifloxistrobin		0.010mg/kg to 2.000mg/kg
		Alachlor		0.010mg/kg to 2.000mg/kg
		Benfuracarb		0.010mg/kg to 2.000mg/kg
		Bifenazate		0.010mg/kg to 2.000mg/kg
		Butachor		0.010mg/kg to 2.000mg/kg
		Carboxin		0.010mg/kg to 2.000mg/kg
		Dithianon		0.010mg/kg to 2.000mg/kg
		Diuron		0.010mg/kg to 2.000mg/kg
		Dodine		0.010mg/kg to 2.000mg/kg
		Edifenphos		0.010mg/kg to 2.000mg/kg
		Fenazaquin		0.010mg/kg to 2.000mg/kg
		Fenobucarb		0.010mg/kg to 2.000mg/kg
		Flubendiamide		0.010mg/kg to 2.000mg/kg

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

Page 12 of 13

**Validity** 31.01.2018 to 30.01.2020

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
		Flufenacet		0.010mg/kg to 2.000mg/kg
		Flufenazine		0.010mg/kg to 2.000mg/kg
		Forchlorfenuron		0.010mg/kg to 2.000mg/kg
		Hexythiazox		0.010mg/kg to 2.000mg/kg
		Iodosulfuron-Methyl		0.010mg/kg to 2.000mg/kg
		Isoproturon		0.010mg/kg to 2.000mg/kg
		Linuron		0.010mg/kg to 2.000mg/kg
		Lufenuron		0.010mg/kg to 2.000mg/kg
		Metolachlor		0.010mg/kg to 2.000mg/kg
		Mandipropamid		0.010mg/kg to 2.000mg/kg
		Metribuzin		0.010mg/kg to 2.000mg/kg
		Novaluron		0.010mg/kg to 2.000mg/kg
		Oxycarboxin		0.010mg/kg to 2.000mg/kg
		Oxadiazon		0.010mg/kg to 2.000mg/kg
		Phenthoate		0.010mg/kg to 2.000mg/kg
		Pencycuron		0.010mg/kg to 2.000mg/kg
		Primiphos-methyl		0.010mg/kg to 2.000mg/kg
		Temephos		0.010mg/kg to 2.000mg/kg
		Thiometon		0.010mg/kg to 2.000mg/kg
		Trichlorfon		0.010mg/kg to 2.000mg/kg
		Tricyclazole		0.010mg/kg to 2.000mg/kg
		Thiobencarb		0.010mg/kg to 2.000mg/kg
		Pendimethalin		0.010mg/kg to 2.000mg/kg
		Propaxur		0.010mg/kg to 2.000mg/kg
		Paclobutrazole		0.010mg/kg to 2.000mg/kg
		Spiromesifen		0.010mg/kg to 2.000mg/kg
		Bitertanol	SOP for Multi Residue	0.010mg/kg to 2.000mg/kg
		Diazinon	Analysis, National Referral	0.010mg/kg to 2.000mg/kg
		Ethion	Laboratory, NRC Grapes,	0.010mg/kg to 2.000mg/kg
		Fenarimol	Pune (SOP no. PRAL-	0.010mg/kg to 2.000mg/kg
		Fenitrothion	NHRDF-09) (GCMS,	0.010mg/kg to 2.000mg/kg
		Fenthion	GCMS/MS)	0.010mg/kg to 2.000mg/kg

Anita Rani  
Convenor

N. Venkateswaran  
Program Director

**Laboratory** Pesticides Residue Analysis Laboratory, National Horticultural Research and Development Foundation, Chitegaon Phata, Nashik-Aurangabad Road, Post-Darnasangvi, Tal. Niphad, Dist. Nashik, Maharashtra

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

**Certificate Number** TC-6734 (in lieu of T-1351)

**Page 13 of 13**

**Validity** 31.01.2018 to 30.01.2020

**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
		Fipronil	Issue No. 7 Date 09.11.15	0.010mg/kg to 2.000mg/kg
		Malathion		0.010mg/kg to 2.000mg/kg
		Profenophos		0.010mg/kg to 2.000mg/kg
		Bendiocarb		0.010mg/kg to 2.000mg/kg
		Fipronil sulphone		0.010mg/kg to 2.000mg/kg
		Propetamphos		0.010mg/kg to 2.000mg/kg
		Propanil		0.010mg/kg to 2.000mg/kg
		Trifluralin		0.010mg/kg to 2.000mg/kg
		Pyriproxifen		0.010mg/kg to 2.000mg/kg
		Lead	SOP for analysis of heavy metals Residue, National Referral Laboratory, NRC Grapes, Pune (SOP no. PRAL-NHRDF-18)	0.05mg/kg to 10.00mg/kg
		Cadmium	Issue No. 7 Date 09.11.15	0.02mg/kg to 5.00mg/kg