

Laboratory	Pesticide Residue Laboratory, All India Network Project on Pesticide Residues, Department of Entomology, Dr. YS Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	20.10.2016
Certificate Number	T- 3039	Valid Until	19.10.2018
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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.	RESIDUES IN FOOD PRODUCTS			
1.	Pesticides			
a.	Fruits (apple, banana, mango, peach, pear, papaya, plum, litchi, persimmon, sapota, guava, pomegranate, orange, mousambi, pineapple) Vegetables (brinjal, bitter gourd, bottle gourd, cucumber, capsicum, cabbage, cauliflower, green peas, green chilli, tomato, okra)	Organochlorine Residues		
		Alpha HCH	QP/PRL/SOP-008 Revision No : 01 Issue date. 27-4-2013	0.01 mg/kg to 1.0 mg/kg
		Beta HCH		0.01 mg/kg to 1.0 mg/kg
		Gamma HCH		0.01 mg/kg to 1.0 mg/kg
		Delta HCH		0.01 mg/kg to 1.0 mg/kg
		Aldrin		0.01 mg/kg to 1.0 mg/kg
		Alpha Endosulfan		0.01 mg/kg to 1.0 mg/kg
		Beta Endosulfan		0.01 mg/kg to 1.0 mg/kg
		Endosulfan Sulfate		0.01 mg/kg to 1.0 mg/kg
		pp-DDE		0.01 mg/kg to 1.0 mg/kg
		op-DDE		0.01 mg/kg to 1.0 mg/kg
		op-DDD		0.01 mg/kg to 1.0 mg/kg
		op-DDT		0.01 mg/kg to 1.0 mg/kg
		pp-DDT		0.01 mg/kg to 1.0 mg/kg
	Bifenthrin		0.05 mg/kg to 1.0 mg/kg	
	Lambda Cyhalothrin		0.05 mg/kg to 1.0 mg/kg	

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	Fruits (apple, banana, mango, peach, pear, papaya, plum, litchi, persimmon, sapota, guava, pomegranate, orange, mousambi, pineapple)	Fenvalerate	QP/PRL/SOP-008 Revision No : 01	0.05 mg/kg to 1.0 mg/kg	
		Deltamethrin	Issue date. 27-4-2013	0.05 mg/kg to 1.0 mg/kg	
		Alpha cypermethrin		0.05 mg/kg to 1.0 mg/kg	
		tau fluvalinate		0.05 mg/kg to 1.0 mg/kg	
		Fenpropathrin		0.05 mg/kg to 1.0 mg/kg	
		Alachlor		0.01 mg/kg to 1.0 mg/kg	
		Vegetables (brinjal, bitter gourd, bottle gourd, cucumber, capsicum, cabbage, cauliflower, green peas, green chilli, tomato, okra)	Pendimethalin		0.01 mg/kg to 1.0 mg/kg
			Fluchloralin		0.01 mg/kg to 1.0 mg/kg
			Butachlor		0.01 mg/kg to 1.0 mg/kg
			Fipronil		0.01 mg/kg to 1 mg/kg
	Hexaconazole			0.05 mg/kg to 1 mg/kg	
	Organophosphates Residues				
	Phorate			0.05 mg/kg to 1 mg/kg	
	Parathion methyl		0.05 mg/kg to 1 mg/kg		
	Fenitrothion		0.05 mg/kg to 1 mg/kg		
	Malathion		0.05 mg/kg to 1 mg/kg		
	Chlorpyrifos		0.01 mg/kg to 1.0 mg/kg		
	Quinalphos		0.05 mg/kg to 1 mg/kg		

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Discipline Chemical Testing **Issue Date** 20.10.2016

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	Fruits (apple, banana, mango, peach, pear, papaya, plum, litchi, persimmon, sapota, guava, pomegranate, orange, mousambi, pineapple)	Profenofos	QP/PRL/SOP-008 Revision No : 01	0.05 mg/kg to 1 mg/kg
		Ethion	Issue date. 27-4-2013	0.05 mg/kg to 1 mg/kg
		Dichlorvos		0.05 mg/kg to 1 mg/kg
		Chlorpyrifos methyl		0.01 mg/kg to 1.0 mg/kg
	Vegetables (brinjal, bitter gourd, bottle gourd, cucumber, capsicum, cabbage, cauliflower, green peas, green chilli, tomato, okra)			

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