



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Institute of Himalayan Bioresource Technology, Palampur (H.P)		
Field	Biological Testing	Issue Date	28.02.2008
Certificate Number	T-1408	Valid Until	27.02.2010
Last Amended on	-	Page	1 of 1

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Operation / Limits of Detection
A	DNA FINGER PRINTING			
	Plant material Tea, Rose Bamboo, Sida Cordifoha only	DNA Fingerprinting for identification of two samples	DNA Isolation from plant tissue (Doyle & Doyle 1990) Random Amplified Polymorphic DNA (RAPD) (Williams et al, 1990) Amplified Fragment Length Polymorphism (AFLP) (Vos et al., 1995)	Only one band / 27 kb 100 - 2.5 kb 100 bp 100 - 700 bb 100 bp
B	MICROBIAL LOAD DETERMINATION			
	Herbal plant material & Products	Total Bacterial colony count Total Fungal colony count Detection of specified microorganisms: Escherichia coli Pseudomonas aeruginosa Staphylococcus aureus Samonella spp.	Dilution plate method (British Pharmacopoeia 2001) Morphological and Biochemical tests (British Pharmacopoeia 2001)	10 ² - 10 ⁸ CFU/g 10 ² - 10 ⁸ CFU/g NA
C	BIOEFFICACY OF INSECTICIDES			
	Bioefficacy of insecticides / pesticides	LC ₅₀ & LC ₉₀ Value determination against <i>Plutella xylostella</i> , <i>Spodoptera litura</i> , <i>Helicoverpa armigera</i> , <i>Aphis craccivora</i>	HATS/Entomology/ SOP/01	NA

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Convenor