



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Institute of Himalayan Bioresource Technology, Palampur (H.P)		
Field	Chemical Testing	Issue Date	28.02.2008
Certificate Number	T-1407	Valid Until	27.02.2010
Last Amended on	-	Page	2 of 2

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
		Catechin profile	A simple and convenient method for analysis of tea biochemicals by reverse phase HPLC. 2005 J. Food Comp. & Anal. 18:583-594	0.01-80.00 % / ± 10% from the range of analysis
		Caffeine		0.01-50.00 % / ± 10% from the range of analysis
	Neonicotinoid group Imidacloprid Acetamiprid	Residue analysis in tea (green shoots, made tea, brew), other Herbs and herbal products	Analysis of residues of imidacloprid in tobacco by high-performance liquid chromatography with liquid-liquid partition cleanup. Pest Manag Sci 61:511-514 (2005)	1 ppm-100 ppm / 0.5 ppm
	Synthetic pyrethroid Fenvalerate		Determination of pyrethroid residues in tobacco and cigarette smoke by capillary gas chromatography. 2002. Journal of Chromatography A, 964, 205-211	
C	SOIL ANALYSIS			
	Soil	pH	Gupta PK 1997 In: Soil, Plant, Water and Fertilizer Analysis Published 1999 Reprinted 2000	4.0 – 10 pH -2.00 to 16.00
		Available N	Anonymous In: Methods of analysis of soils, plants, waters and fertilizers HLS Tandon (Ed) Reprint 2001	200-700 kg/ha
		Available P		5-195 ppm / 0.001
		Available K		10-290 ppm / 0.01
		Organic matter	Direct Reading on Spectrophotometer HACH DR 2000 (as per manufacturer method of measurements)	1-5.4 % / 0.01

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Convenor