



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Institute of Himalayan Bioresource Technology, Palampur (H.P)		
Accreditation Standard	ISO/IEC 17025: 2005		
Field	Chemical Testing	Issue Date	04.10.2010
Certificate Number	T-1407	Valid Until	03.10.2012
Last Amended on	-	Page	1 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
A1	<u>DRUGS AND PHARMACEUTICALS</u>			
	<i>Picrorhiza Kurroa</i>	Picroside-I & Picroside-II	IHBT/NPP/PICRO-01	0.01- 98%
	<i>Podophyllum hexandrum</i>	Podophyllotoxin	IHBT/NPP/PODO-02	0.01- 98%
	<i>Vanilla planifolia</i>	Vanillin	IHBT/NPP/VAN-03	0.02-10%
A.2	<u>COSMETICS & ESSENTIAL OIL</u>			
	Essential oil bearing plants	Complete essential oil composition	IHBT/NPP/GCMS-04	0.01% to 100%
B	<u>FOODS AND AGRICULTURAL PRODUCTS</u>			
	Tea and tea based herbal products	Theaflavins %	IHBT/HATS/TT/TF/SPECTRO/SOP/05	0.01-80%
		Thearubigins %	IHBT/HATS/TT/TR/SPECTRO/SOP/06	0.01-80%
		Total Polyphenols %	IHBT/HATS/TT/PP/SPECTRO/SOP/03	0.01-90%
		Total Catechins %	IHBT/HATS/TT/CAT/SPECTRO/SOP/06	0.01-85%
		Catechins Profile % (Tea)	IHBT/HATS/TT/CAT/HPLC/SOP/01	0.01-80%
		(Herbals)	IHBT/HATS/TT/CAT/HPLC/SOP/02	0.01-80%
		Caffeine %	IHBT/HATS/TT/CAF/HPLC/SOP/07	0.01-98%

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<u>PESTICIDE RESIDUE</u>				
	Green tea shoots, made tea, brew, other herbs and herbal products	α -HCH β -HCH γ -HCH α -Endosulfan β -Endosulfan Chlopyrifos Aldrin Alachlor Endrine Heptachlor Ethion Bifenthrine	HATS/PRA/SOP/02	0.5-100 mg/kg
		Imidacloprid Acetamiprid Fenvalerate	HATS/PRA/SOP/01 HATS/PRA/SOP/01	1- 100 mg/kg 0.5-100 mg/kg
C	<u>SOIL ANALYSIS</u>			
	Soil	pH	IHBT/HATS/SOIL/pH/SOP/01	4.0 – 10 pH -2.00 to 16.00
		Available N Available P Available K	IHBT/HATS/SOIL/NPK/SOP/02	200- 700 kg/ ha 5-195 ppm/ 0.001 10- 290 ppm/ 0.01
		Organic matter	SOIL ORGANIC-IHBT-I (SOP Developed)	1- 5.4 % / 0.01

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