

ECO LABORATORY

S.No.	Nature of Test	Methods/Instruments	*Testing Charge
1.	Free Formaldehyde	- Acetyl acetone method- ISO/DIS 14184.1 As per Japanese Law 112/1973 or DIN54260 - UV Visible Spectrophotometer	600.00
2.	Pentachloro Phenol (PCP)	- Extraction - Analysis on GC-ECD/GC-MS	1250.00
3.	pH of Aqueous Extract	- DIN 54275, DIN 54276 ISO-3071 - pH Meter	200.00
4.	Carcinogenic Aromatic Amines released from Banned AZO Dyes	- Extraction/ Cleavage as per German Method (Section 35-LMBG B-82.02) - Analysis on GC-MS/HPTLC	2500.00
5.	Heavy Metals (Cu, Cd, Pb, Hg, Ni, As, Zn, Co, Cr, Fe, Na, Ca, Si, Mg, Ba)	- Extraction with perspiration as per DIN 54020 (For baby wear extraction with Saliva as per DIN 53160) - Analysis on AAS	800.00 for the first metal and 400.00 for next successive metal of same sample
6.	Pesticides	- Extraction as per OKO-Tex stand 100, Clean up - Analysis on GC-ECD/GS-MS	2000.00
7.	Halogen Carriers	- Extraction - Analysis by GC-FID	1250.00
8.	Residual Chlorine	- Extraction (IS : 971, 1983) GC - FID/GC-ECD	1250.00

Releasable Formaldehyde (ISO/DIS 14184.2/Sealed jar method) - Rs. 900.00
Hexavalent Cr, Si and SO₄ - UV - Visible Spectrophotometer - Rs. 800.00 each
Chloride - Titration method - Rs. 800.00

N.B : Sample Size - Printed Fabric : 250 gm or 1.5 mt.
Single shade fabric : 50 gm or 0.5 mt.
Dyes : 5 gm