

ANNEXURES

9. Give details regarding the category of consumers

Types of consumers	From which place	Number of consumers	Frequency of purchase			Quantity purchased per unit	Mode of purchase
			Weekly	Monthly	Whenever required		
Small scale units							
Large scale units							
Agents							
Educational							
Institutions							
Researchers							
Any other specify							

10. List the dyes which have more demand.

11. Give the problems faced during sale of synthetic dyes.

8. Details regarding the consumers :

Types of consumers	Location of the unit	Number of consumers	Frequency of purchase			Mode of purchase		Mode of purchase
			Weekly	Monthly	Whenever required	Cash	Credit	
Small scale units								
Large scale units								
Ayurvediya pharmacists								
Siddha pharmacists								
Educational Institutions								
Researchers								
Any others specify								

9. How is demand for natural dyes at present in the domestic market?

10. Tick the problems faced during the sale of the product?

Limited colour

Expensive

Large storage space

Lack of availability

11. Do you procure dyes directly from the manufacturing source

Yes

No

If no, how do you procure?

ANNEXURE - III

INTERVIEW SCHEDULE (3) TO ELICIT INFORMATION ON THE AVAILABILITY OF NATURAL DYED FABRICS IN SELECTED SHOPS OF COIMBATORE, SALEM, KARUR AND MADURAI

1. Name of the interviewee :
2. Name of the interviewer :
3. Name of the shop :
4. Address :
5. When did you start the shop :
6. Types of shop :

Type of dealer	
Wholesaler	
Retailer	
Boutique	

7. Are you aware of naturally dyed fabrics?

Yes

No

If yes, indicate the naturally dyed fabrics available in your shop.

S.No.	Name of Item	Type of materials available				
		Cotton	Silk	Wool	Synthetic blends	Others
1	Sarees					
2	Furnishing items					
3	Dress materials					
4	Others					

If no reasons.

8. Give details regarding purchase and sale of naturally dyed fabrics

S.No.	Name of the item	Place of purchase				Frequency of purchase			Mode of purchase		Quantity purchased	Quantity sold
		Manufacturer	Wholesales	Retailers	Agents	Weekly	Monthly	Whenever required	Cash	credit		

9. Give details regarding the extent of demand for the naturally dyed fabrics.

Items	Enquiries		
	Regularly	Frequently	Rarely
Sarees			
Furnishing			
Dress materials			
Others			

10. Mention the lowest and highest price of natural dyed textiles

S.No	Range	Type of materials				
		Cotton	Silk	Wool	Synthetic blends	Others
1	Lowest range					
2	Highest range					

11. Mention the nature of extent of sales

S.No	Items	Reasons	Not good	Reasons

12. Do you adopt any special measures to promote synthetic fabrics?
- Discount sales
 - Advertising
 - Banners
 - Window display
 - Guaranteed items
 - Personal contacts
13. What is the reason for promoting sales of natural dyed textiles?
- Environmental awareness
 - Allergic to synthetic dyes
 - Skin irritation
14. Mention the type of consumers and comments about the naturally dyed fabrics.
15. Do you suggest any washing instructions?

S.No	Type of materials	Washing				Drying		Ironing		
		Dry wash	Natural cleansing agent	Detergent powder	Liquid soap	Sunlight	Shade	Steam iron	Not ironing	Gentle ironing
1	Cotton									
2	Silk									
3	Wool									
4	Synthetic blends									
5	Others									

8. Details regarding the consumers :

Types of consumers	Location of the unit	Number of consumers	Frequency of purchase			Mode of purchase		Mode of purchase
			Weekly	Monthly	Whenever required	Cash	Credit	
Small scale units								
Large scale units								
Ayurvediya pharmacists								
Siddha pharmacists								
Educational Institutions								
Researchers								
Any others specify								

9. How is demand for natural dyes at present in the domestic market?

10. Tick the problems faced during the sale of the product?

Limited colour

Expensive

Large storage space

Lack of availability

11. Do you procure dyes directly from the manufacturing source

Yes

No

If no, how do you procure?

ANNEXURE – IV

**AN INTERVIEW SCHEDULE (4) TO ELICIT INFORMATION
REGARDING PREFERENCES OF NATURAL DYED FABRICS
AMONG SELECTED FAMILIES IN COIMBATORE,
SALEM, KARUR AND MADURAI**

1. Name of the interviewee :
2. Name of the interviewer :
3. Type of the family :
 - a. Joint family
 - b. Nuclear family
4. Location :
5. Employment status of home maker
 - a. Full time homemaker
 - b. Employed
 - i. Full time
 - ii. Part time
6. Family background details

S.No.	Name of the family member	Relationship to the head of the family	Age in years	Sex	Educational status	Occupation	Income per month Rs.

7. Others sources of income
 - a. Land
 - b. House rent

- c. Cattle
- d. Interest from bank
- e. Any others, specify _____

8. Do you have the practice of budgeting?

Yes No

9. How do you plan your clothing budget?

Written Memory

10. How much money you allot and spend on clothing items per year?

(Approximately)

Money allotted Rs. _____ Money spent Rs. _____

11. Who purchases clothing/furnishing for the whole family

S.No	Family members	Always	Sometimes	Rarely
a.	Head of the family			
b.	House wife			
c.	Self			
d.	Daughter			
e.	Son			
f.	If any other indicate			

12. Mention the factors influencing purchase of clothing items

S.No	Factors	No	Percentage
1	Cost		
2	Availability		
3	Durability		
4	Washability		
5	Colour fastness		
6	Texture		
7	Type of prints		
8	Colour combination		
9	Fashion trend		
10	Label information		
11	Advertisement		

18. Mention the type of dyed materials preferred for furnishing items

S.No.	Age group	Natural dye					Reasons	Synthetic dye					Reasons
		Cotton	Silk	Wool	Synthetic	Blend		Cotton	Silk	Wool	Synthetic	Blend	
1	Pillow covers												
2	Cushion covers												
3	Bolster covers												
4	Bed spreads												
5	Diwan covers												
6	Curtains												
7	Draperies												
8	Table cloth												
9	Table mat												
10	Any others												

19. What are the methods adopted for washing.

S.No.	Method of washing	Natural dye					Reasons	Synthetic dye					Reasons
		Cotton	Silk	Wool	Synthetic	Blend		Cotton	Silk	Wool	Synthetic	Blend	
1	Hand wash												
2	Machine wash												
3	laundry												
4	Dry wash												

20. Which type of water used for the washing clothes.

Soft

Hard

21. What type of detergents do you prefer for washing naturally dyed fabrics.

S.No.	Detergent powders	Natural dye					Reasons	Synthetic dye					Reasons
		Cotton	Silk	Wool	Synthetic	Blend		Cotton	Silk	Wool	Synthetic	Blend	
1	Ariel												
2	Surf												
3	Henco												
4	Tide												
5	Sunlight												
6	Wheel												
7	Nirma												
8	Rin												
9	Others												

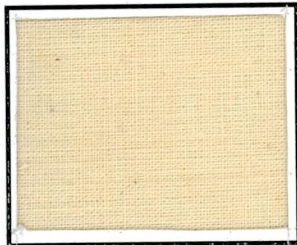
22. State the attitudes towards natural dyed fabrics

- a. Non-irritable
- b. Non-allergic
- c. Pleasant colours
- d. Non-hazardous
- e. Costlier
- f. Limited colours
- g. Non-availability
- h. Lack of colour fastness

ANNEXURE – V

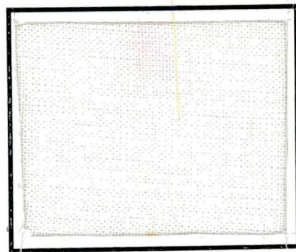
DETAILS OF THE SELECTED FABRIC AND DYED SAMPLES

GREY CLOTH



Composition	-	100%
Type	-	Long cloth
Weave	-	Plain
Ends / inch	-	68
Picks / inch	-	64
Fabric width	-	54"
Price / meter	-	Rs.23.50

ORIGINAL UNDYED MERCERIZED COTTON FABRIC



DYED WITHOUT MORDANTS

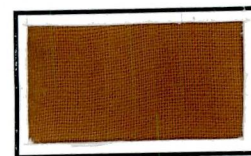
ADS



KDS



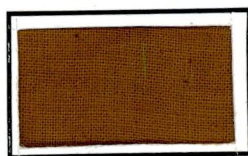
RDS



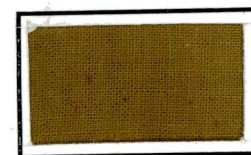
BDS



MDS



VDS



DYED BY USING

METALLIC

AMAP



AMFS



AMCPT



BMAP



BMFS



BMCPT



MMAP



MMFS



MMCPT



PROCESSED

APAP



APFS



APCPT



BPAP



BPFS



BPCPT



MPAP



MPFS



MPCPT



BIOMORDANTS

APP



APS



APPT



BPP



BPS



BPPT



MPP



MPS



MPPT



AAP



AAS



AAPT



BAP



BAS



BAPT



MAP



MAS



MAPT



**METALLIC
MORDANTS**

KMAP



KMFS



KMCPT



RMAP



RMFS



RCPT



VMAP



VMFS



VCPT



**PROCESSED
MORDANTS**

KPAP



KPFS



KPCPT



RPAP



RPFS



RPCPT



VPAP



VPFS



VPCPT



ANNEXURE – VI

PROFORMA USED TO EVALUATE THE DYED SAMPLES

S.No.	Sample	Aspects / Percentage of judges evaluating the sample														Mean
		Evenness in dyeing		Brilliance of colours			Texture			Lustre			General Appearance			
		Even	Uneven	Very bright	Bright	Dull	Smooth	Medium	Rough	High	Medium	Low	Good	Fair	Poor	
Dyed without mordants																
1.	ADS															
2.	BDS															
3.	KDS															
4.	MDS															
5.	RDS															
6.	VDS															
Dyed with metallic mordants																
7.	AMAP															
8.	AMFS															
9.	AMCPT															
10.	BMAP															
11.	BMFS															
12.	BMCPT															
13.	KMAP															
14.	KMFS															
15.	KMCPT															
16.	MMAP															
17.	MMFS															
18.	MMCPT															
19.	RMAP															
20.	RMFS															
21.	RMCPPT															
22.	VMAP															
23.	VMCPT															
24.	VMFS															
Dyed with processed mordants																
25.	APAP															
26.	APFS															
27.	APCPT															
28.	BPAP															
29.	BPFS															
30.	BPCPT															
31.	KPAP															
32.	KPFS															
33.	KPCPT															

Contd....

ANNEXURE - VII

GREY SCALE USED TO EVALUATE THE DYED MATERIALS

The dyed materials were rated by using the AATCC (American Association of Textile colourants and chemicals) Grey scale to measure the extent of colour change and staining. The grey ratings envisaged the following standards for colour fastness to Annato, Babool, Karingali, Madder, Red sandle and vembadam dyes applied in scoured, bleached and mercerized cotton materials using metallic, processed and bio mordants following pre, simultaneous, post and without mordanting techniques.

Nomenclature

5
4
3
2
1

used for colour change

No change (Excellent)
Slightly changes (Good)
Noticeably changed (Fair)
Considerably changed (Poor)
Much changed (Very Poor)

Nomenclature

5
4
3
2
1

used for staining

No staining (Excellent)
Slightly stained (Good)
Noticeably stained (Fair)
Considerably stained (Poor)
Much stained (Very Poor)

Global Resources Management Group

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CERTIFICATE OF CONFORMITY

This Certificate is Traceable to the original issued by the Manufacturer

Phosphate ECE B Detergent

Batch Documentation

Product name: Phosphate ECE B Detergent
Manufactured / Distributed By : SDC Enterprises Ltd. UK
Product order code: 2458
Batch: K24
Best before end of: - None

Certificate: This product complies with the technical specifications for Phosphate ECE B Detergent as Given in ISO 105 CO6 at the time of production

Phosphate ECE B reference detergents
B.1 Nominal percentage composition

Composition	ECE Detergent %
Linear sodium alkylbenzene sulfonate (mean length of alkane chain C11-5)	8,0
Ethoxylated fatty alcohol (14 EO)	2,9
Sodium soap (chain length C12-16: 13-26 %; C18-22: 74-87%)	3,5
Sodium Tri Poly phosphate (STPP)	43,7
Sodium silicate (SiO ₂ : Na ₂ O = 3,3: 1)	7,5
Magnesium Silicate	1,9
Carboxymethylcellulose CMC	1,2
EDTA	0,2
Sodium sulfate (as accompanying substance or added)	21,2
Water	9,9
Total	100,0

Storage recommendation

This product was produced to provide you with a test material of reliable quality and performance. To maintain this quality please store in a dry, cool and dark place. Away from exhaust, lab gas fumes, and other yellowing and oxidizing agents

DO NOT USE THIS PRODUCT IF THERE IS EXCESSIVE LUMPING or YELLOWING



Signed without prejudice

17.13
20/6/03