



LAB REPORT

ABSORBENT BLEACHED COTTON SPECIFICATIONS

S.NO	SPECIFICATION	STANDARD	OUR PRODUCT
1	PHYSICAL APPEARANCE	Bleach White, soft fibrous material free from foreign matters (oil stain, dyes, dust, black, specks, metallic particles and cotton particles with minimal neps).	YES
2	COLOR/WHITENESS(%)	White comparable to standard (LT 80%)	85
3	FIBER COMPOSITION	100% COTTON	YES
4	MICRONAIRE	>3	3.4
5	MEAN FIBER LENGTH		17-23 MM
6	FEEL / TOUCH	SOFT	SOFT
7	ACIDITY ACCORDING TO METHYL ORANGE	NEGATIVE (no pink color)	YES
8	ALKALINITY ACCORDING TO PHENOLPTHALEN	NEGATIVE (no pink color)	YES
9	P.H.	6.0 - 8.0	6.48
10	OPTICAL BRIGHTENING AGENT(FLUORESCENCE)	None when examined under ultraviolet light	YES
11	SINKING TIME	<10 Sec	4 SECONDS
12	ABSORBENT CAPACITY	Not less than 20 times of it's weight in water > 23gr	24
13	EITHER-SOLUBLE SUBSTANCES	Max. 0.50%	0.02%
14	WATER SOLUBLE SUBSTANCES (PER 5G)	Not more than 0.50%	0.03%
15	ALCOHOL EXTRACT	Colorless	YES
16	SULPHATE ASH	Max. 0.40%	0.1
17	SURFACE ACTIVE SUBSTANCES	Max.2	NIL
18	MERCURY	None when examined under ultraviolet light	YES
19	ODOR	ODORLESS	YES
20	FOREIGN MATTER	ABSENT	YES
21	EXTRACTABLE COLORING MATTERS Y5/GY6/AYAN	NEGATIVE	YES
22	MOISTURE (%)	8	5%

S.NO	SPECIFICATION	STANDARD	OUR PRODUCT
MICROBIOLOGICAL CONTROLS			
23	TOTAL MICROBIAL COUNT	< 100 GERMS / G	YES
24	STAPHYLOCOCCUS	ABSENCE	YES
25	PSEUDOMONAS AERUGINOSA	ABSENCE	YES
26	CANDIDA ALBICANS	ABSENCE	YES
27	YEAST	< 10 CFY / G	YES
28	MOULD	< 10 CFY / G	YES
29	ENTERO-BACTERIACEAE	ABSENCE	YES