



NUMBER: JKTH10000458

APPLICANT : PT INDAH KIAT PULP & PAPER TBK.  
JL. RAYA SERANG KM. 76, DESA KRAGILAN  
SENTUL, KEC. KRAGILAN, KAB. SERANG 42184  
ATTN: RUDI H. SUKARSA

DATE : SEPTEMBER 03, 2010

SAMPLE DESCRIPTION:  
ONE (1) GROUP OF SUBMITTED SAMPLE SAID TO BE **PAPER**  
ORDER/STYLE NO. : SINARPLEX (C1S)

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TESTS CONDUCTED:  
AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGES.

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CONCLUSION:

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLE	AZOCOLOURANTS CONTENT REQUIREMENT IN ANNEX XVII ITEM 43 OF THE REACH REGULATION (EC) NO. 1907/2006 (FORMERLY KNOWN AS DIRECTIVE 2002/61/EC)	PASS

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PREPARED AND CHECKED BY:  
FOR INTERTEK LABTEST INDONESIA

NINA TJEN  
GENERAL MANAGER

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)



NUMBER: JKTH10000458

TESTS CONDUCTED:

1 DETECTION OF AMINES IN DYESTUFF

BY GAS CHROMATOGRAPHIC - MASS SPECTROMETRIC (GC-MS) ANALYSIS.

TEST METHOD : TEXTILE METHOD (EN 14362-1 : 2003)

<u>FORBIDDEN AMINES</u>	<u>CAS NO.</u>	<u>RESULT</u> <u>NON-</u> <u>POLYESTER</u>
1. 4-AMINODIPHENYL	92-67-1	ND
2. BENZIDINE	92-87-5	ND
3. 4-CHLORO-O-TOLUIDINE	95-69-2	ND
4. 2-NAPHTHYLAMINE	91-59-8	ND
5. O-AMINOAZOTOLUENE	97-56-3	ND
6. 2-AMINO-4-NITROTOLUENE	99-55-8	ND
7. P-CHLOROANILINE	106-47-8	ND
8. 2,4-DIAMINOANISOLE	615-05-4	ND
9. 4,4'-DIAMINODIPHENYLMETHANE	101-77-9	ND
10. 3,3'-DICHLOROBENZIDINE	91-94-1	ND
11. 3,3'-DIMETHOXYBENZIDINE	119-90-4	ND
12. 3,3'-DIMETHYLBENZIDINE	119-93-7	ND
13. 3,3'-DIMETHYL-4,4'DIAMINODIPHENYLMETHANE	838-88-0	ND
14. P-CRESIDINE	120-71-8	ND
15. 4,4'-METHYLENE-BIS(2-CHLOROANILINE)	101-14-4	ND
16. 4,4'-OXYDIANILINE	101-80-4	ND
17. 4,4'-THIODIANILINE	139-65-1	ND
18. O-TOLUIDINE	95-53-4	ND
19. 2,4-TOLUYLENEDIAMINE	95-80-7	ND
20. 2,4,5-TRIMETHYLANILINE	137-17-7	ND
21. O-ANISIDINE	90-04-0	ND
22. P-AMINOAZOBENZENE	60-09-3	ND
23. 2,4-XYLIDINES	95-68-1	ND
24. 2,6-XYLIDINES	87-62-7	ND

SUMMARY : PRESENCE OF CARCINOGENIC AMINES

REMARK :

ND = NOT DETECTED (LESS THAN 20 ppm)  
DETECTION LIMIT = 5 ppm  
REQUIREMENT = 30 ppm  
ppm = PARTS PER MILLION = mg/kg

TESTED COMPONENTS : PAPER

DATE SAMPLE RECEIVED : AUGUST 24, 2010

TESTING PERIOD : AUGUST 25, 2010 TO AUGUST 31, 2010

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END OF REPORT

PRODUCT PHOTO



SINARPLEX (C1S)