



NUMBER: JKTH10000461

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 06, 2010

SAMPLE DESCRIPTION:

ONE(1) GROUP/PIECE OF SUBMITTED SAMPLE SAID TO BE PAPER  
ORDER/STYLE NO. : SINARROYAL (C2S)

\*\*\*\*\*

TESTS CONDUCTED:

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

\*\*\*\*\*

CONCLUSION:

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLE	OZONE DEPLETING SUBSTANCE (ODS) - AS PER REGULATION (EC) NO. 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL	PASS

\*\*\*\*\*

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: JKTH10000461

TESTS CONDUCTED:

1 DETECTION OF OZONE DEPLETING SUBSTANCE (ODS)

WITH REFERENCE TO USEPA 5021 / 8260B AND DETERMINED BY GC-MSD LINKED WITH HEADSPACE

<u>TEST ITEM</u>	<u>RESULT (ppm)</u>
CHLOROFLUOROCARBON (CFCs) (GROUP I)	ALL NOT DETECTED
HALON (GROUP II)	ALL NOT DETECTED
CHLOROFLUOROCARBON (CFCs) (GROUP III)	ALL NOT DETECTED
CARBON TETRACHLORIDE (CCl4) (GROUP IV)	ND
1,1,1-TRICHLOROETHANE (GROUP V)	ND
BROMOMETHANE (GROUP VI)	ND
HYDROBROMOFLUOROCARBON (HBFCs) (GROUP VII)	ALL NOT DETECTED
HYDROCHLOROFLUOROCARBON (HBFCs) (GROUP VIII)	ALL NOT DETECTED
BROMOCHLOROMETHANE (GROUP IX)	ND

REMARKS : DETAILS OF GROUP I TO GROUP IX OZONE DEPLETING CHEMICALS ARE LISTED IN ANNEX I

ppm = PARTS PER MILLION = mg/kg  
 ND = NOT DETECTED  
 DETECTION LIMIT = 1 ppm

TESTED COMPONENT : PAPER SINARROYAL (C2S)

\*\*\*\*\*



NUMBER: JKTH10000461

TESTS CONDUCTED:

ANNEX I

GROUP I TO GROUP IX OZONE DEPLETING CHEMICALS (ODC'S)

AS LISTED IN ANNEX 1 OF REGULATION (EC) NO. 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 SEPTEMBER 2009 ON SUBSTANCES THAT DEplete THE OZONE LAYER.

<u>GROUP</u>		<u>SUBSTANCE</u>
GROUP I	CFCl <sub>3</sub> (CFC-11) CF <sub>2</sub> Cl <sub>2</sub> (CFC-12) C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub> (CFC-113)	C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub> (CFC-114) C <sub>2</sub> F <sub>5</sub> Cl (CFC-115)
GROUP II	CF <sub>3</sub> Cl (CFC-13) C <sub>2</sub> FCl <sub>5</sub> (CFC-111) C <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub> (CFC-112) C <sub>3</sub> FCl <sub>7</sub> (CFC-211) C <sub>3</sub> F <sub>2</sub> Cl <sub>6</sub> (CFC-212)	C <sub>3</sub> F <sub>3</sub> Cl <sub>5</sub> (CFC-213) C <sub>3</sub> F <sub>4</sub> Cl <sub>4</sub> (CFC-214) C <sub>3</sub> F <sub>5</sub> Cl <sub>3</sub> (CFC-215) C <sub>3</sub> F <sub>6</sub> Cl <sub>2</sub> (CFC-216) C <sub>3</sub> F <sub>7</sub> Cl (CFC-217)
GROUP III	CF <sub>2</sub> ClBr (HALON-1211) CF <sub>3</sub> Br (HALON-1301)	C <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> (HALON-2402)
GROUP IV	CCl <sub>4</sub> (CARBON TETRACHLORIDE)	
GROUP V	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> (1,1,1-TRICHLOROETHANE)	
GROUP VI	CH <sub>3</sub> Br (METHYL BROMIDE)	
GROUP VII	CHFBr <sub>2</sub> CH <sub>2</sub> FBr C <sub>2</sub> HF <sub>2</sub> Br <sub>3</sub> C <sub>2</sub> HF <sub>4</sub> Br C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub> C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub> C <sub>2</sub> H <sub>4</sub> FBr C <sub>3</sub> HF <sub>2</sub> Br <sub>5</sub> C <sub>3</sub> HF <sub>4</sub> Br <sub>3</sub> C <sub>3</sub> HF <sub>5</sub> Br <sub>2</sub> C <sub>3</sub> H <sub>2</sub> FBr <sub>5</sub> C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub> C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub> C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub> C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br	CHF <sub>2</sub> Br C <sub>2</sub> HFBr <sub>4</sub> C <sub>2</sub> HF <sub>3</sub> Br <sub>2</sub> C <sub>2</sub> H <sub>2</sub> FBr <sub>3</sub> C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br C <sub>3</sub> HFBr <sub>6</sub> C <sub>3</sub> HF <sub>3</sub> Br <sub>4</sub> C <sub>3</sub> HF <sub>6</sub> Br C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub> C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub> C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub> C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub> C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub> C <sub>3</sub> H <sub>6</sub> FBr

\*\*\*\*\*



NUMBER: JKTH10000461

ANNEX I
GROUP I TO GROUP IX OZONE DEPLETING CHEMICALS (ODC'S)

Table with 3 columns: GROUP, SUBSTANCE, and chemical names. It lists various chemical compounds under groups VIII and IX, such as CHFC12, CHF2Cl, and CH2FCl.

DATE SAMPLE RECEIVED : AUGUST 24, 2010
TESTING PERIOD : AUGUST 25, 2010 TO SEPTEMBER 03, 2010
\*\*\*\*\*
END OF REPORT

PRODUCT PHOTO



SINARROYAL (C2S)