



TEST REPORT

LAB NO. : (9325)262-1532
DATE : Oct 11, 2025
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APPLICANT : **NINE DRAGONS PAPER INDUSTRIES (DONG GUAN) CO., LTD**
XINSHA PORT INDUSTRY ZONE, MAYONG TOWN,
DONGGUAN, GUANGDONG, CHINA

DATE OF SUBMISSION : Sep 19, 2025

TEST PERIOD : Sep 19, 2025 to Sep 29, 2025

SAMPLE DESCRIPTION : KRAFT LINER BOARD (Cow cardboard series: 110、120、126、130、140、145、150、160、170、175、180、190、200、220、230、250、280、300、337、440GSM)、Includes recycled kraft paper series: 70、75、80、85、90、95、100、105、110、115、120、125、130、140、145、150、155、160、170、180、200GSM)

Color: /
Style no. / Model no.: Cow card color
P.O. No.: /
Country of Origin: /
Country of Destination: /

BUYER : /

MANUFACTURER : /

Bureau Veritas Consumer Products Services
(Guangzhou) Co., Ltd
No. 183, Shinan Road, Meilin Plaza, Dongchong,
Nansha, Guangzhou, Guangdong Province, China
511453
Tel: (86) 20 2290 2088 Fax: (86) 20 3490 9303
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SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Lead, Cadmium, Mercury and Hexavalent Chromium Content	PASS	
US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Phthalates Content	PASS	
US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Organic Fluorine Screening for Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content	PASS	

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Brown paper

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD.

ANDY WANG
OPERATION MANAGER



REMARK

If there are questions or concerns on this report, please contact the following persons:

- a) GENERAL TEL: (86)755 83437287
FAX: (86)755 83439100
- b) BUSINESS SZ TEL: (86)755 21534695
FAX: (86)755 83439100
BUSINESS GZ TEL: (86) 20 87148525
FAX: (86) 20 87148528
- EMAIL: eechemical.sc@bureauveritas.com
WEBSITE: cps.bureauveritas.cn



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Photo of the Submitted Sample



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TEST RESULT

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Lead, Cadmium, Mercury and Hexavalent Chromium Content

Test Method: With reference to GZTC CHEM-TOP-174-01, analysis was performed by ICP-OES & UV-Vis.

<u>Test Item(s):</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>1</u>
Cadmium (Cd)	-	mg/kg	5	ND
Lead (Pb)	-	mg/kg	5	ND
Mercury (Hg)	-	mg/kg	5	ND
Hexavalent Chromium (Cr (VI))	-	mg/kg	5	ND
Total (Cd + Pb + Hg + Cr (VI))	100	mg/kg	-	ND
Comment				PASS

Notes: The TPCH legislation for total lead, cadmium, mercury and hexavalent chromium Cr(VI) has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin

Remarks:

- (1) 1mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated



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TEST RESULT

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Phthalates Content

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item	CAS No.	Limit	Unit	MDL	1
Dibutyl Phthalate (DBP)	84-74-2	-	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	mg/kg	50	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	-	mg/kg	50	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	-	mg/kg	50	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	-	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	-	mg/kg	50	ND
Dimethyl Phthalate (DMP)	131-11-3	-	mg/kg	50	ND
Diethyl Phthalate (DEP)	84-66-2	-	mg/kg	50	ND
Dipropyl Phthalate (DPrP)	131-16-8	-	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	84-69-5	-	mg/kg	50	ND
Di-n-pentylphthalate (DnPP)	131-18-0	-	mg/kg	50	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	-	mg/kg	50	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	-	mg/kg	50	ND
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	-	mg/kg	50	ND
Diisopentyl Phthalate (DIPP)	605-50-5	-	mg/kg	50	ND
n-pentyl Isopentyl Phthalate (nPIPP)	776297-69-9	-	mg/kg	50	ND
1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich (DIHP)	71888-89-6	-	mg/kg	50	ND
1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters (DHNUP)	68515-42-4	-	mg/kg	50	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP)	84777-06-0	-	mg/kg	50	ND
1,2-benzenedicarboxylic acid, dihexyl ester branched and linear (DHP)	68515-50-4	-	mg/kg	50	ND
Di-iso-hexylphthalate (DIHxP)	71850-09-4	-	mg/kg	50	ND
1,2-benzenedicarboxylic acid, di-C6-10- alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5/ 68648-93-1	-	mg/kg	50	ND
Butyl phthalyl butyl glycolate (BPBG)	85-70-1	-	mg/kg	50	ND
Ethyl phthalyl ethyl glycolate (EPEG)	84-72-0	-	mg/kg	50	ND
Di(2-propylheptyl) Phthalate (DPHP)	53306-54-0	-	mg/kg	50	ND
Diallyl phthalate (DAP)	131-17-9	-	mg/kg	50	ND
Total Phthalates	-	100	mg/kg	-	ND
Comment					PASS

Notes: The TPCH defines ortho-phthalates as a class of chemical. There is no official list of ortho-phthalates from TPCH.
Conclusion is made based on the tested Orthto-Phthalate substances which is agree by the client.



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TEST RESULT

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Organic Fluorine Screening for Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content

Test Method: With reference to EN 14582:2016 with aqueous solution pretreatment, analysis was performed by IC.

<u>Test Item(s):</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>1*</u>
Fluorine content	Prohibited	mg/kg	20	ND
Comment				PASS

Notes:

1. The TPCH defines Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) as a class of chemical. There is no official list of PFAS from TPCH. Conclusion is made based on the total Fluorine test which is agreed by the client.
- (2) Total organic fluorine less than 100 mg/kg is considered as no "intentionally added" PFAS based on the guidance document of TPCH model legislation. However, it is still advised that manufacturers check with their suppliers to ensure that no PFAS has been intentionally added if the test result is positive.

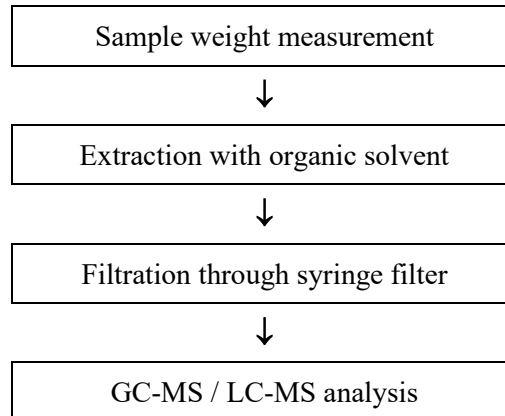
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

Remark: “*” The above results were transferred from (9325)262-1515 dated on Oct 11, 2025.

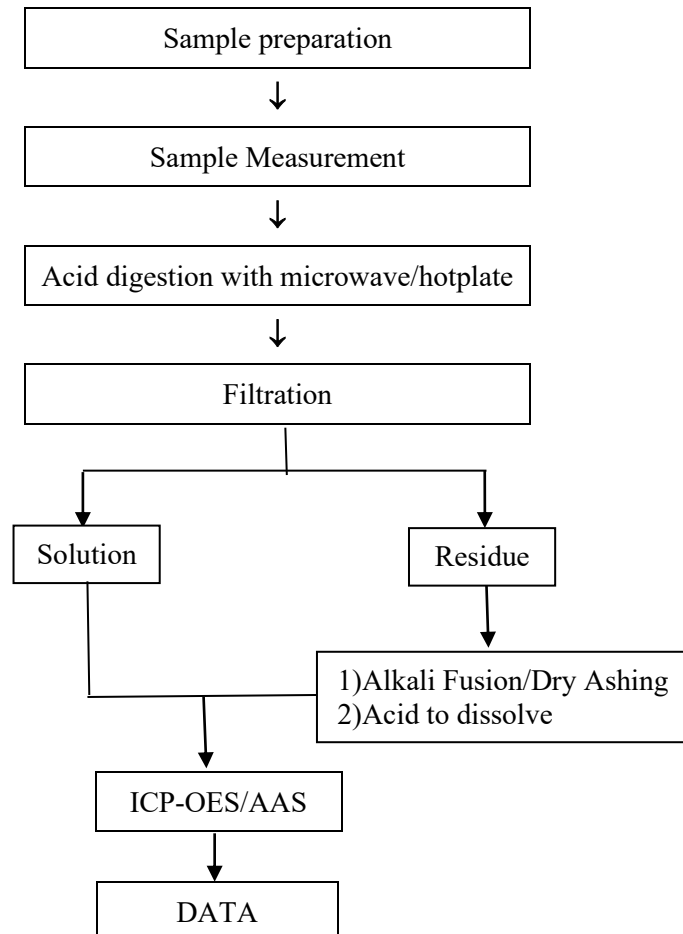


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APPENDIX – TEST PROCESS



APPENDIX – TEST PROCESS



END