



**BUREAU
VERITAS**



中国认可
国际互认
检测
TESTING
CNAS L3841

TEST REPORT

LAB NO. : (9325)262-1357
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 28, 2025

SAMPLE DESCRIPTION : HIGH PERFORMANCE CORRUGATED MEDIUM (High strength corrugated paper series: 45、47、50、60、65、70、80、85、90、100、105、110、115、120、125、130、135、140、150、160、170、180GSM Bobbin Paper 390GSM)

Color: /

Style no. / Model no.: corrugated

P.O. No.: /

Country of Origin: /

Country of Destination: /

BUYER : /

MANUFACTURER : /

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Heavy Metals , Flame Retardant and Phthalates Test - Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	

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SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Brown paper

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

ANDY WANG
OPERATION MANAGER



REMARK

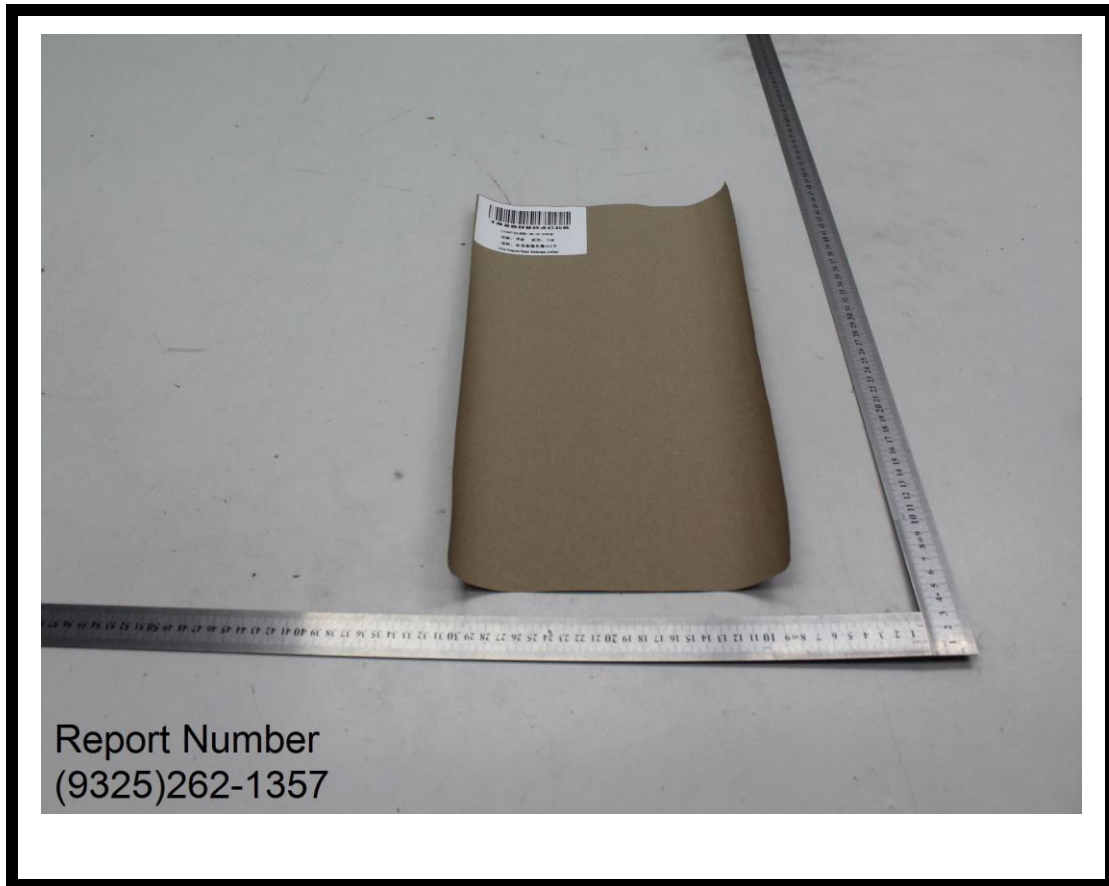
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Photo of the Submitted Sample





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TEST RESULT

Heavy Metals , Flame Retardant and Phthalates Test - Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Test Method : See Appendix.

See Analytes (Parameter) and their corresponding Maximum Allowable Limit (Req.) in Result Table	Type I	Metallic material
	Type II	Glass or ceramic material
	Type III	Other non-metallic material except Type II

-	Unit	Req.	Result
Test Item(s)	-	-	1
Type	-	III	III
Parameter	-	-	-
Lead (Pb)	mg/kg	1000	ND
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI)	mg/kg	1000	ND
PBBs	mg/kg	1000	ND
MonoBB	mg/kg	-	ND
DiBB	mg/kg	-	ND
TriBB	mg/kg	-	ND
TetraBB	mg/kg	-	ND
PentaBB	mg/kg	-	ND
HexaBB	mg/kg	-	ND
HeptaBB	mg/kg	-	ND
OctaBB	mg/kg	-	ND
NonaBB	mg/kg	-	ND
DecaBB	mg/kg	-	ND
PBDEs	mg/kg	1000	ND
MonoBDE	mg/kg	-	ND
DiBDE	mg/kg	-	ND
TriBDE	mg/kg	-	ND
TetraBDE	mg/kg	-	ND
PentaBDE	mg/kg	-	ND
HexaBDE	mg/kg	-	ND
HeptaBDE	mg/kg	-	ND
OctaBDE	mg/kg	-	ND
NonaBDE	mg/kg	-	ND
DecaBDE	mg/kg	-	ND
Bis(2-ethylhexyl) phthalate (DEHP)	mg/kg	1000	ND
Butyl benzyl phthalate (BBP)	mg/kg	1000	ND
Dibutyl phthalate (DBP)	mg/kg	1000	ND
Diisobutyl phthalate (DIBP)	mg/kg	1000	ND
Conclusion	-	-	PASS



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Note / Key :

ND = Not detected	">" = Greater than	Req. = Requirement
NR = Not requested	mg/kg = milligram(s) per kilogram = ppm = part(s) per million	
% = percent	10 000 mg/kg = 1 %	NA = Not Applicable

Detection Limit (mg/kg) :

For Type I - Each (Pb, Cd & Hg) : 2.0

For Type II - Each (Pb, Cd, Hg & Cr VI) : 2.0

For Type III - Metal, Polymers & Electronics - Each (Pb, Cd, Hg & Cr VI) : 2.0; Each (PBBs & PBDEs) : 50;
Others - Each (Pb, Cd & Hg) : 2.0; Cr VI : 3.0; Each (PBBs & PBDEs) : 50; Each (DEHP, BBP, DBP&DIBP): 50

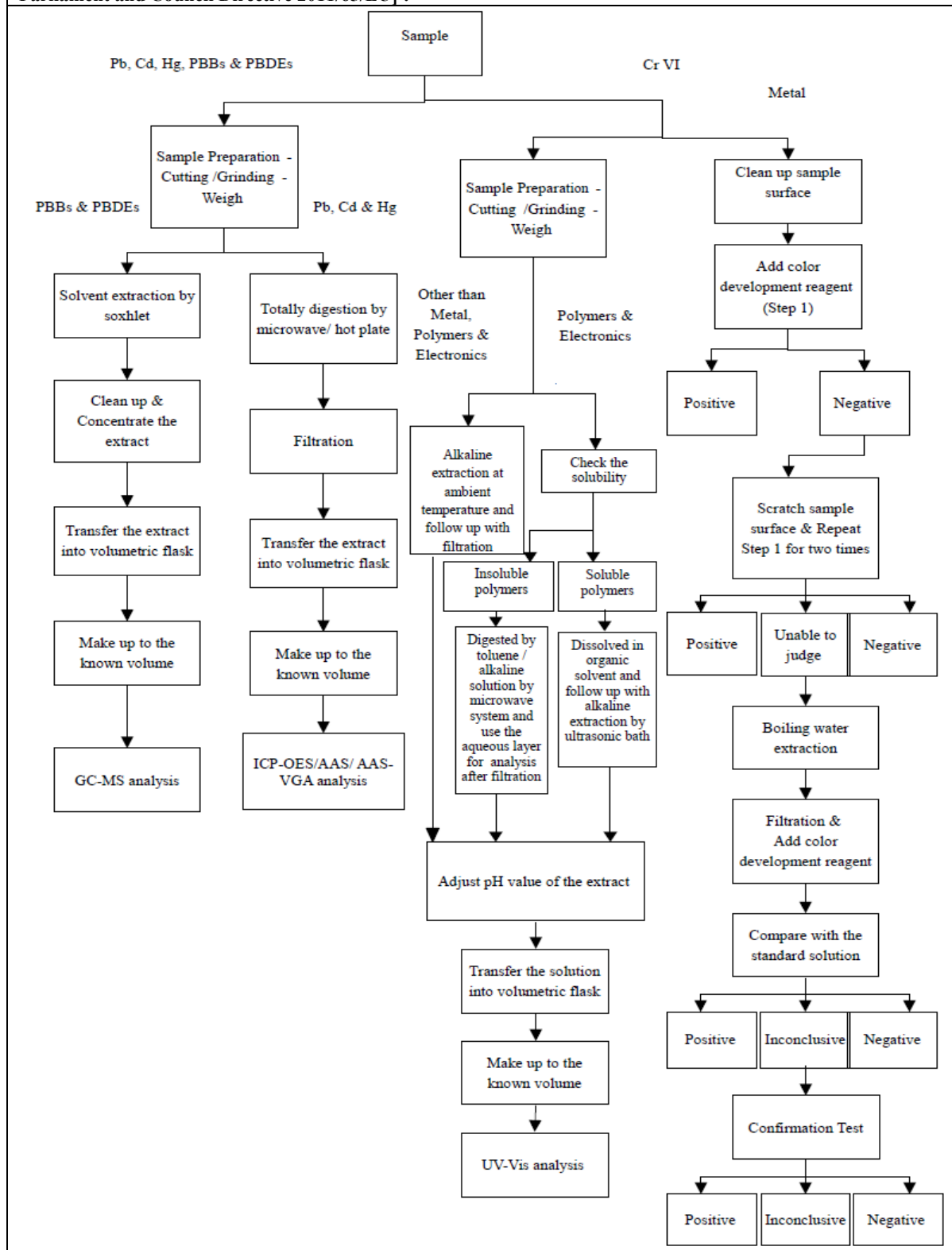
Remark :

- The testing approach is listed in table of Appendix.
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
- According to Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.

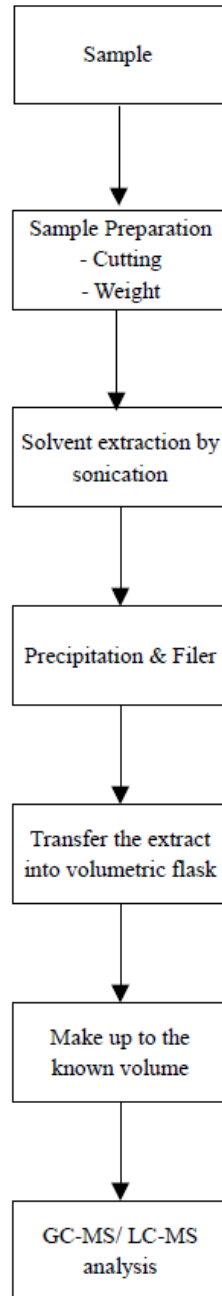
APPENDIX

List of Analytes and their Corresponding Test Methods [Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to International Standard IEC 62321-5: 2013.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to International Standard IEC 62321-4: 2017.
4	Chromium VI (Cr VI)	<u>Metal</u> : With reference to International Standard IEC 62321-7-1: 2015. <u>Polymers and Electronics</u> : With reference to European Standard EN 62321-7-2: 2017 <u>Leather</u> : International Standard ISO 17075: 2017 <u>Other than Metal, Leather, Polymers and Electronics:</u> With reference to International Standard ISO 17075: 2007
5	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to International Standard IEC 62321-6: 2015.
6	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	
7	- Bis(2-ethylhexyl) phthalate (DEHP) - Butyl benzyl phthalate (BBP) - Dibutyl phthalate (DBP) - Diisobutyl phthalate (DIBP)	With reference to International Standard IEC 62321-8: 2017.

Test Flowchart of Heavy Metals and Flame Retardants Content [Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU] :



Test Flowchart of Phthalates Content [Directive (EU)2015/863 Amendment of European Parliament and Council Directive 2011/65/EU] :



END