



**BUREAU  
VERITAS**



中国认可  
国际互认  
检测  
TESTING  
CNAS L3841

# TEST REPORT

LAB NO. : (9325)262-1482  
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** : COATED KRAFT LINER BOARD (Single sided coated kraft paper series: 140、150、160、170、180、200、220GSM)

Color: /

Style no. / Model no.: Single sided coated cow card

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       |        |

**Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd**  
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**SAMPLE DESCRIPTION ASSIGNED BY LABORATORY**

| ITEM | ITEM DESCRIPTION   |
|------|--------------------|
| 1    | White/ 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:

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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 |
|------------------------------------|-------|------|--------|
| <b>Test Item(s)</b>                | -     | -    | 1      |
| <b>Type</b>                        | -     | III  | III    |
| <b>Parameter</b>                   | -     | -    | -      |
| 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     |
| <b>Conclusion</b>                  | -     | -    | 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

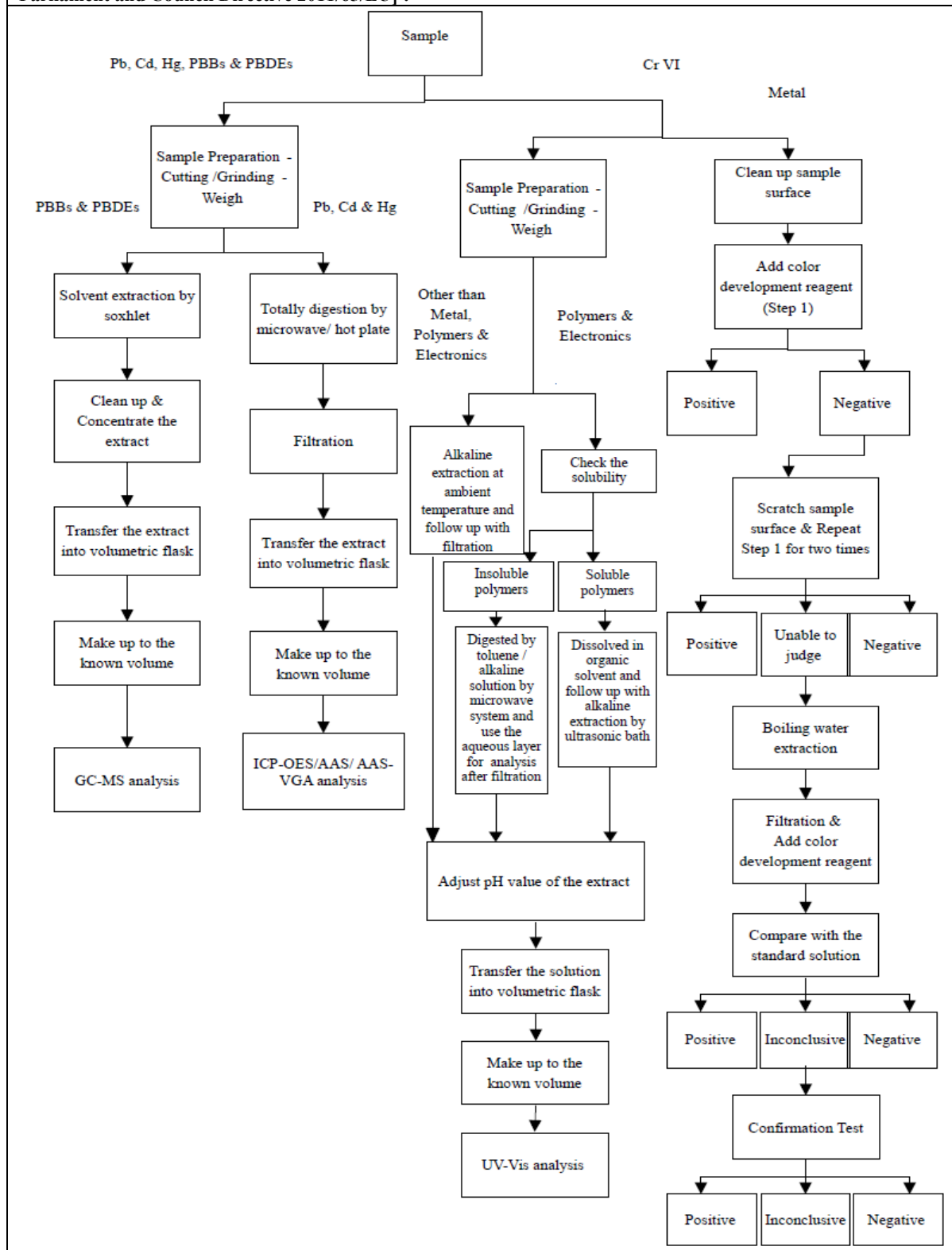
**Remark :**

- 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.

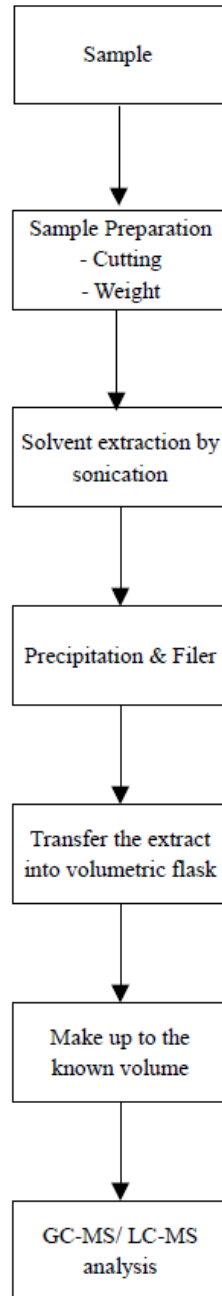
## APPENDIX

| 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> :<br>With reference to International Standard IEC 62321-7-1: 2015.<br><u>Polymers and Electronics</u> :<br>With reference to European Standard EN 62321-7-2: 2017<br><u>Leather</u> :<br>International Standard ISO 17075: 2017<br><u>Other than Metal, Leather, Polymers and Electronics:</u><br>With reference to International Standard ISO 17075: 2007 |
| 5                                                                                                                                                   | Polybromobiphenyls (PBBs)<br>- Bromobiphenyl (MonoBB)<br>- Dibromobiphenyl (DiBB)<br>- Tribromobiphenyl (TriBB)<br>- Tetrabromobiphenyl (TetraBB)<br>- Pentabromobiphenyl (PentaBB)<br>- Hexabromobiphenyl (HexaBB)<br>- Heptabromobiphenyl (HeptaBB)<br>- Octabromobiphenyl (OctaBB)<br>- Nonabromobiphenyl (NonaBB)<br>- Decabromobiphenyl (DecaBB)                                                                              | With reference to International Standard IEC 62321-6: 2015.                                                                                                                                                                                                                                                                                                             |
| 6                                                                                                                                                   | Polybromodiphenyl ethers (PBDEs)<br>- Bromodiphenyl ether (MonoBDE)<br>- Dibromodiphenyl ether (DiBDE)<br>- Tribromodiphenyl ether (TriBDE)<br>- Tetrabromodiphenyl ether (TetraBDE)<br>- Pentabromodiphenyl ether (PentaBDE)<br>- Hexabromodiphenyl ether (HexaBDE)<br>- Heptabromodiphenyl ether (HeptaBDE)<br>- Octabromodiphenyl ether (OctaBDE)<br>- Nonabromodiphenyl ether (NonaBDE)<br>- Decabromodiphenyl ether (DecaBDE) |                                                                                                                                                                                                                                                                                                                                                                         |
| 7                                                                                                                                                   | - Bis(2-ethylhexyl) phthalate (DEHP)<br>- Butyl benzyl phthalate (BBP)<br>- Dibutyl phthalate (DBP)<br>- 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