

**TEST REPORT**

No: JAKCP250011819R1

Date: July 03, 2025

Page 1 of 8

**PT RIAU ANDALAN PAPERBOARD INTERNASIONAL  
JALAN M.H THAMRIN NO. 31, PROP. DKI JAKARTA*****THE TEST REPORT IS TO SUPERSEDE ALL PREVIOUS DOCUMENTS BEARING THE TEST REPORT JAKCP250011819, DATE JULY 02, 2025, ORIGINAL REPORT SHALL BE INVALID******THE TEST RESULTS HAVE BEEN EXTRACTED FROM REPORT NUMBER HKF25600083, ISSUE DATE: JULY 02, 2025***

The following sample(s) was /were submitted and identified by the client as:

Product Description : GENERAL PACKAGING BOARD  
Client's reference No. : JAK25-0010211-0001  
Part No. : -  
Batch / Lot No. : -  
Manufacturer / Vendor : PT RIAU ANDALAN PAPERBOARD INTERNASIONAL  
Country of Origin : INDONESIA  
Country of Destination : -  
Other Detail : -

The Above sample(s) and information were provided by the client.

Sample Receiving Date : June 13, 2025  
Test Performing Period : June 13, 2025 to July 02, 2025  
Test Requested : Selected test (s) as requested by the client.  
Test Method(s) and Test Result(s) : Please refer to the next page(s).

	Test Request	Conclusion
1	EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

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**PT RIAU ANDALAN PAPERBOARD INTERNASIONAL  
JALAN M.H THAMRIN NO. 31, PROP. DKI JAKARTA**

Signed for and on behalf of  
PT. SGS Indonesia



**Toto Waluyadi  
Hardgood Lab Manager**

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**#EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	Result
#Lead (Pb)	1000	mg/kg	2	ND
#Mercury (Hg)	1000	mg/kg	2	ND
#Cadmium (Cd)	100	mg/kg	2	ND
#Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
#Polybrominated biphenyls (PBB)	1000	mg/kg	-	ND
#Monobrominated biphenyl (MonoBB)	-	mg/kg	5	ND
#Dibrominated biphenyl (DiBB)	-	mg/kg	5	ND
#Tribrominated biphenyl (TriBB)	-	mg/kg	5	ND
#Tetrabrominated biphenyl (TetraBB)	-	mg/kg	5	ND
#Pentabrominated biphenyl (PentaBB)	-	mg/kg	5	ND
#Hexabrominated biphenyl (HexaBB)	-	mg/kg	5	ND
#Heptabrominated biphenyl (HeptaBB)	-	mg/kg	5	ND
#Octabrominated biphenyl (OctaBB)	-	mg/kg	5	ND
#Nonabrominated biphenyl (NonaBB)	-	mg/kg	5	ND
#Decabrominated biphenyl (DecaBB)	-	mg/kg	5	ND
#Polybrominated diphenyl ethers (PBDE)	1000	mg/kg	-	ND
#Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	5	ND
#Dibrominated diphenyl ether (DiBDE)	-	mg/kg	5	ND
#Tribrominated diphenyl ether (TriBDE)	-	mg/kg	5	ND
#Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	5	ND
#Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	5	ND
#Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	5	ND
#Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	5	ND
#Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	5	ND
#Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	5	ND
#Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	5	ND

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 JALAN M.H THAMRIN NO. 31, PROP. DKI JAKARTA**

Test Item(s)	Limit	Unit	MDL	Result
#Diisobutyl phthalate (DIBP)	1000	mg/kg	50	ND
#Dibutyl phthalate (DBP)	1000	mg/kg	50	ND
#Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
#Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND

**Note :**

- 1mg/kg = 0.0001%
- MDL= Method Detection Limit
- ND = Not Detected
- “-“ = Not Regulated
- The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- IEC 62321 series is equivalent to EN 62321 series.
- The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021

Remark : 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

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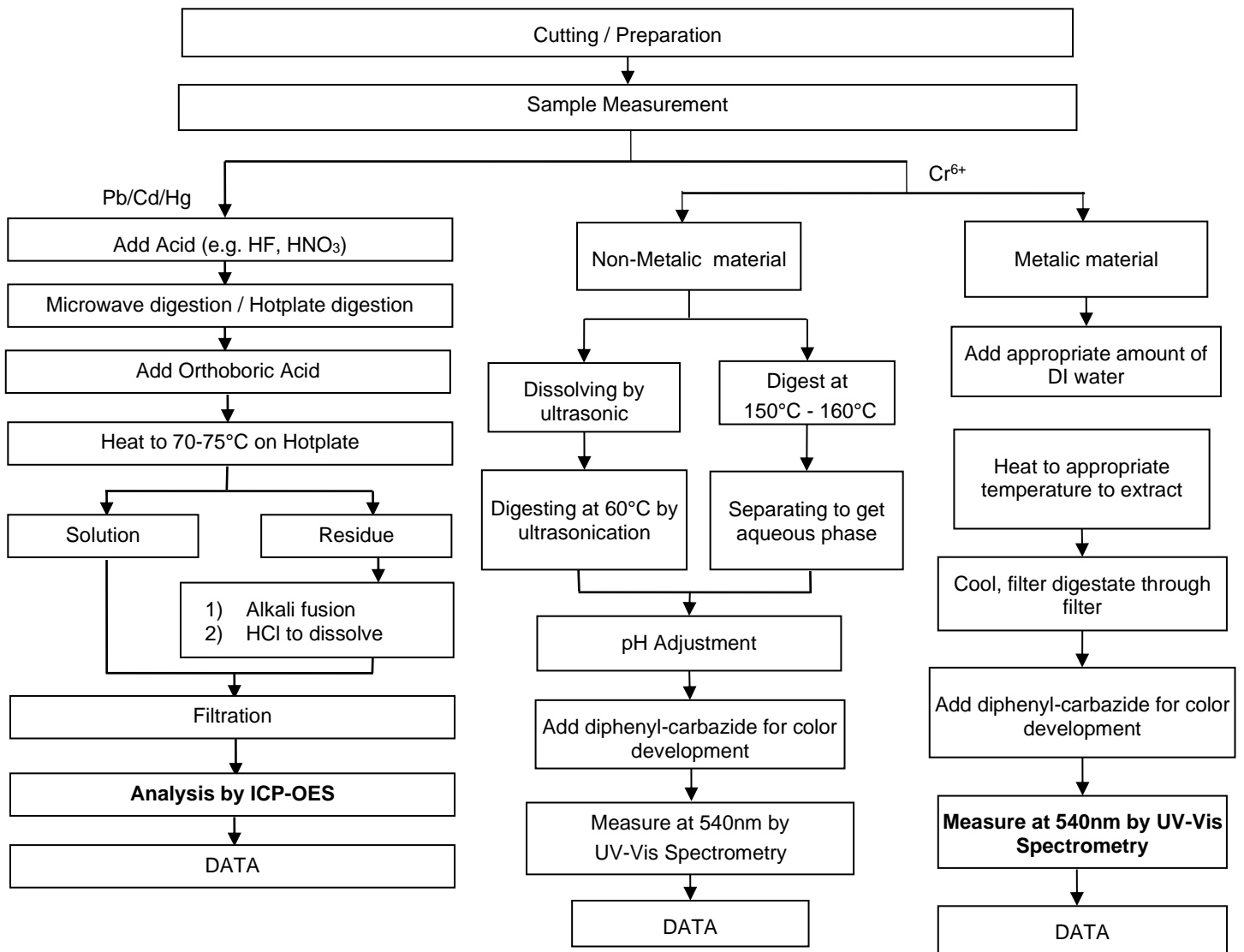
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**Process Flow of IEC 62321 (Pb, Cd, Hg, Cr(VI))**

These samples were dissolved totally by pre-conditioning method according to below flow chart.



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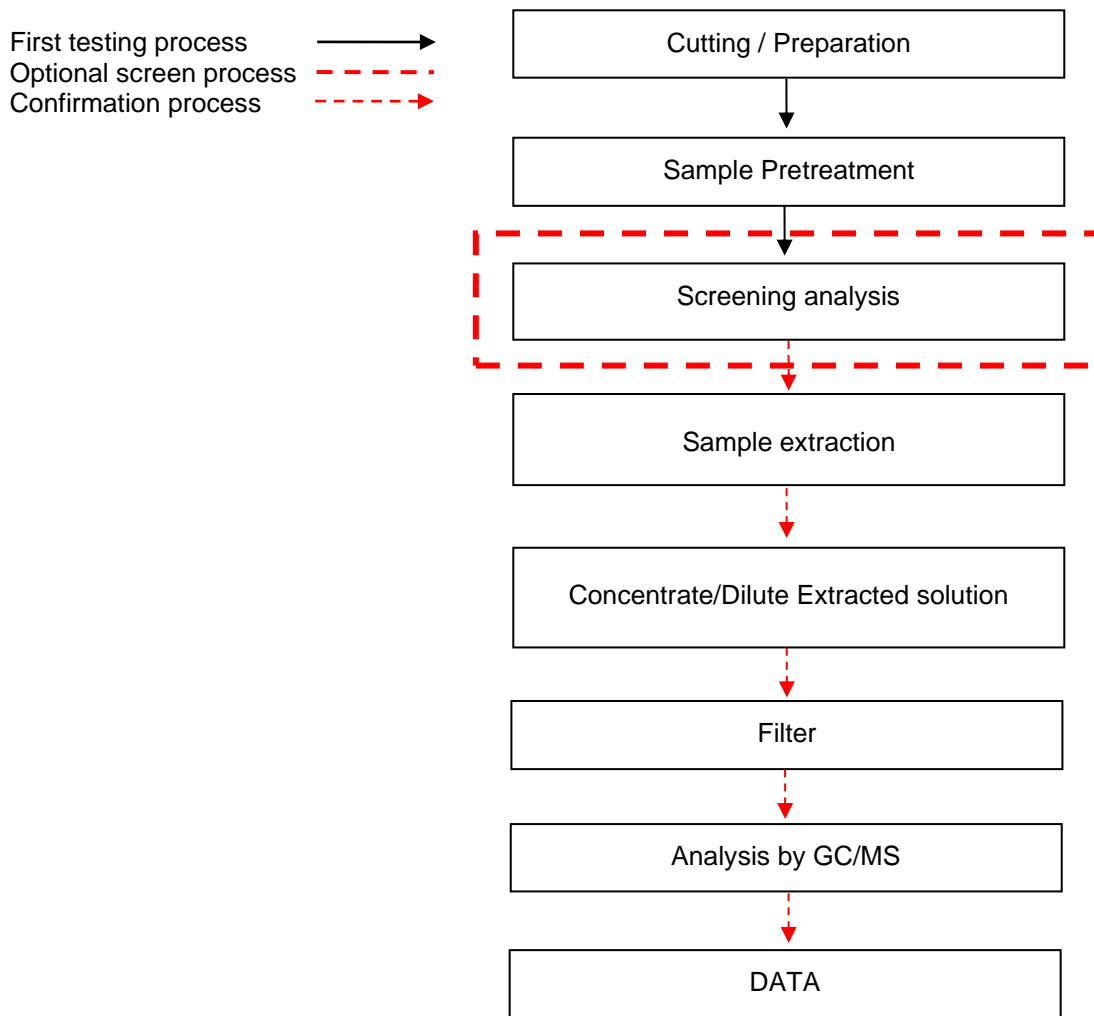
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**Process Flow of PBBs and PBDEs by GC/MS (IEC 62321)**



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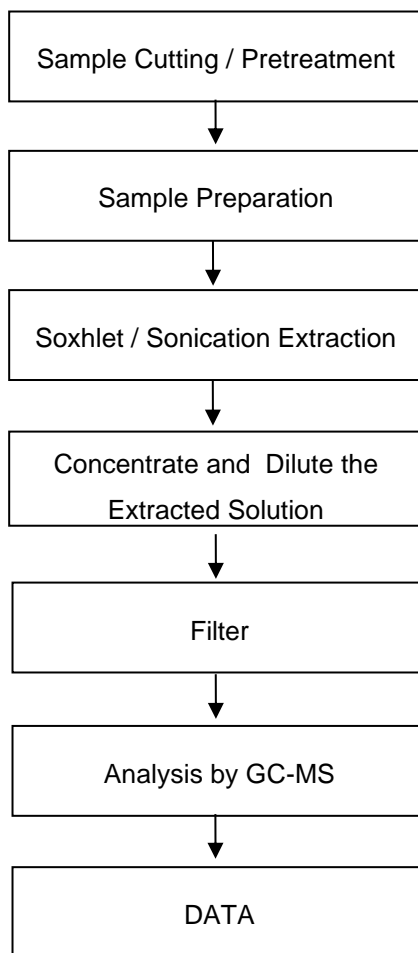
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**Process Flow of Phthalates Analysis (IEC 62321)**



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JALAN M.H THAMRIN NO. 31, PROP. DKI JAKARTA**

**Sample Picture**



**JAK25-0010211-0001**

“Test(s) marked # on this Report was tested/analyzed by an external laboratory with prior approval of the client “  
\*\*\*\*\*End of Report\*\*\*\*\*

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