PT RIAU ANDALAN PAPERBOARD INTERNATIONAL
HEAD OFFICE: JALAN MH. THAMRIN NO. 31, KOTA JAKARTA PUSAT, PROP DKI JAKARTA
MILL OFFICE: JALAN LINTAS TIMUR, PANGKALAN KERINCI, KABUPATEN PELALAWAN, RIAU 28300. INDONESIA

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

Product Description	:	BOARDONE FBB GC2 OBA FREE
Client's reference No.	:	JAK26-0005750-0005
Part No.	:	-
Batch / Lot No.	:	-
Manufacturer / Vendor	:	PT RIAU ANDALAN PAPERBOARD INTERNATIONAL
Country of Origin	:	INDONESIA
Country of Destination	:	-
Other Detail	:	-

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

Sample Receiving Date	:	March 11, 2026
Test Performing Period	:	March 11, 2026 to March 26, 2026
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

Signed for and on behalf of
PT. SGS Indonesia

Toto Waluyadi
Hardgood Lab Manager

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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)**

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

Note:
1. 1mg/kg = 0.0001%
2. MDL= Method Detection Limit
3. ND = Not Detected
4. "-" = Not Regulated
5. The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
6. IEC 62321 series is equivalent to EN 62321 series.
7. 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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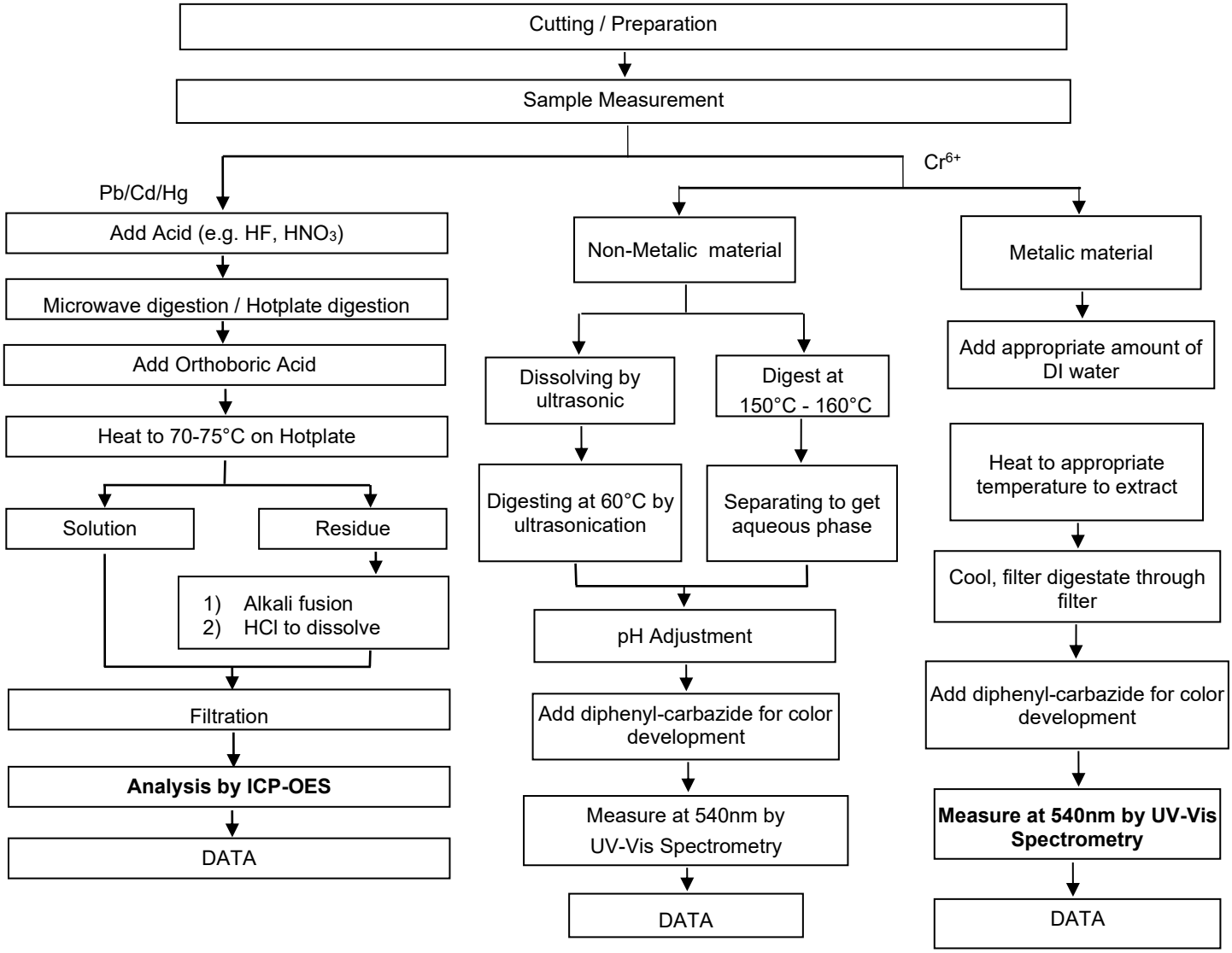
Process Flow of IEC 62321 (Pb, Cd, Hg, Cr(VI))

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



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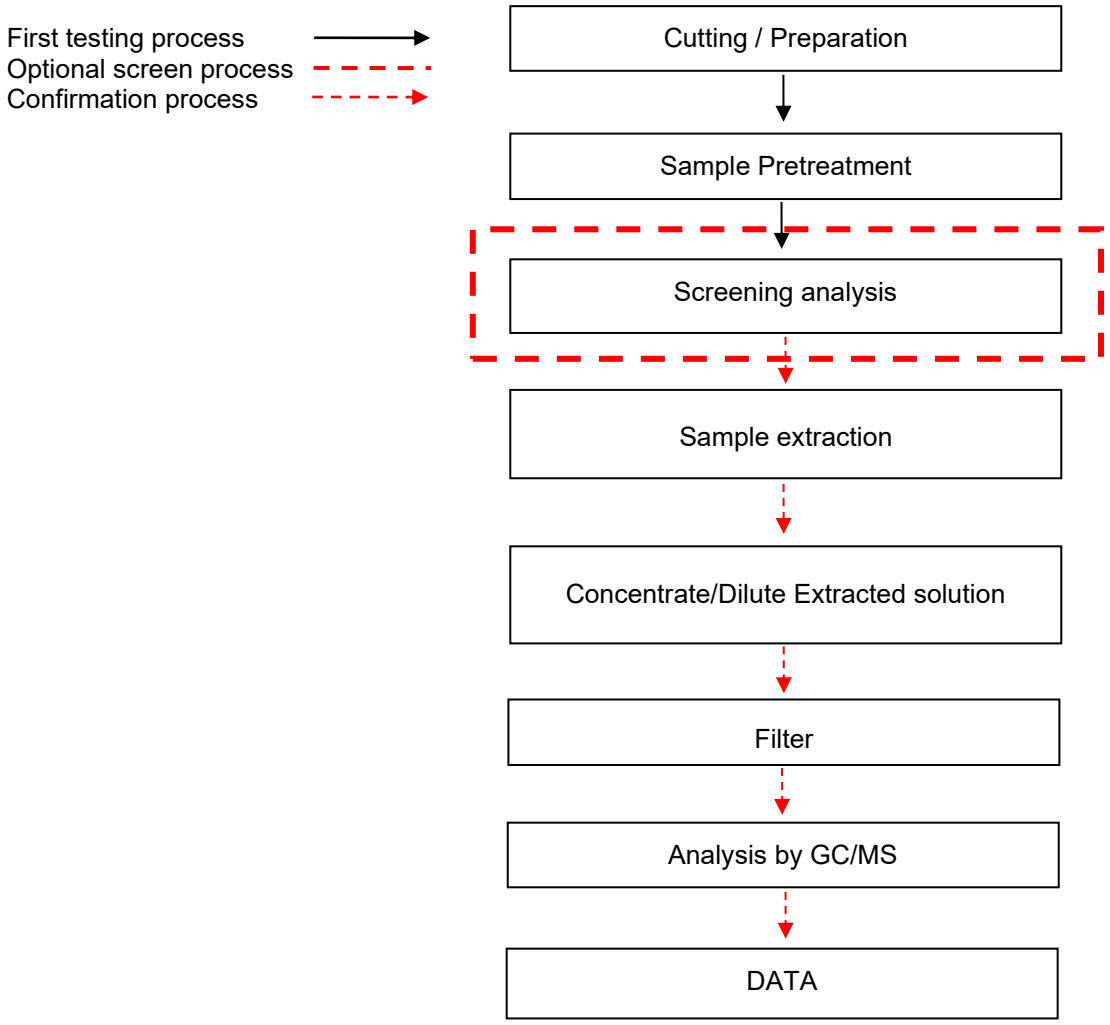
Process Flow of PBBs and PBDEs by GC/MS (IEC 62321)



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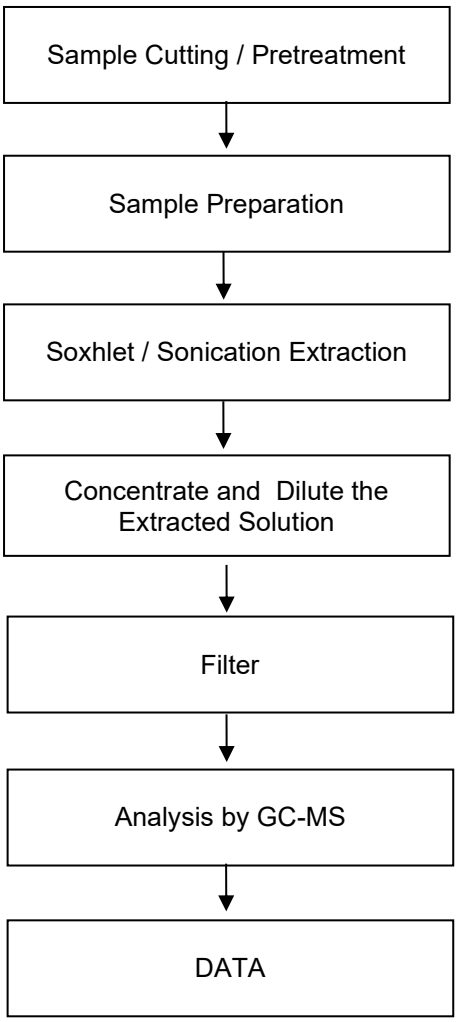
Process Flow of Phthalates Analysis (IEC 62321)



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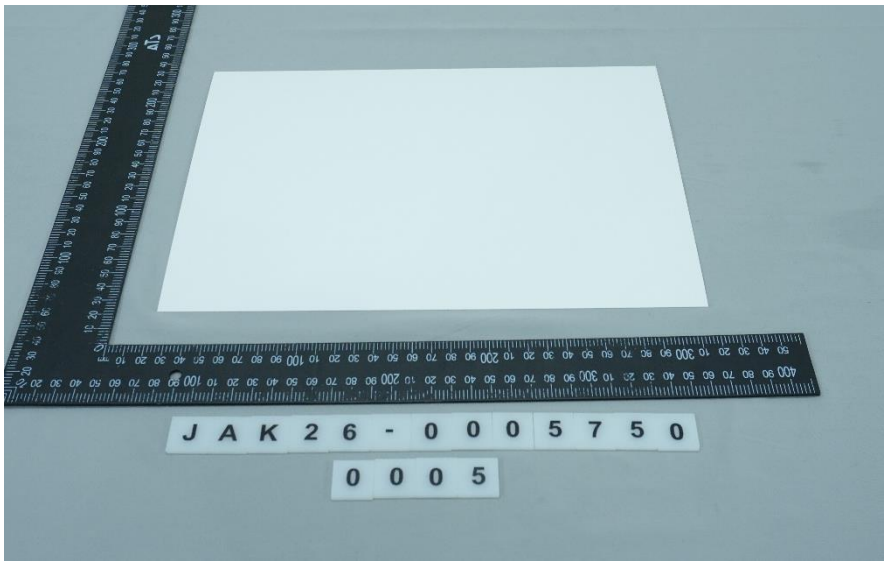
Sample Picture



JAK26-0005750-0005

**********End of Report**********

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