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ORIGINAL

Report Number：JKTH26002331

Test Report

Applicant : PT Indah Kiat Pulp And Paper Tbk
Desa Kutanegara Desa Mulyasejati Desa
Mulyasari Desa/Kelurahan Kutanegara
Kec Ciampel Kab Karawang Provinsi Jawa Barat

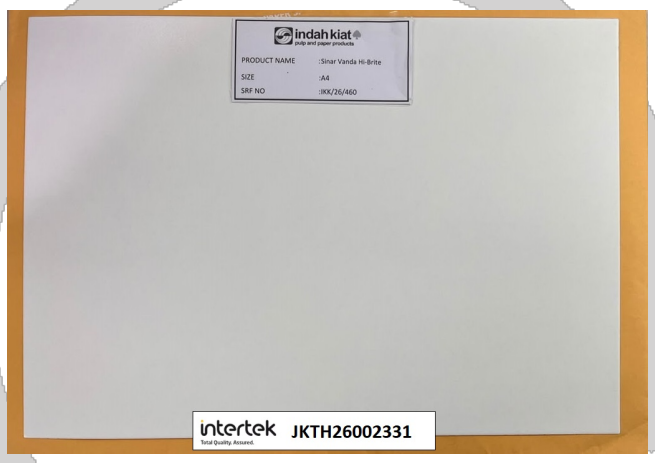
Attn : Preshintama Putra

Date : Aug 10, 2026

Sample description:

One (1) piece of submitted sample said to be :

Material Name	:	**Sinar Vanda Hi-Brite**
Country of Original	:	Indonesia
Manufacturers Name	:	PT Indah Kiat Pulp And Paper Tbk
Date sample received	:	Jul 30, 2026
Testing period	:	Jul 30, 2026 to Aug 10, 2026



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Test conducted:

As requested by the applicant, for details please refer to attached pages.
Type of test: RoHS wet chemical analysis.

****

FN

Prepared and checked by:
For Intertek Indonesia

Made Widyani
Operation Manager - Testing

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Jakarta 10330, Indonesia

Telp. (62-21) 391 8584 (Hunting), 391 8574 (Direct), Fax. (62-21) 391 8345
Hardline Laboratory:Jakarta (62-21) 391 6611, Semarang (62-24) 762 7107 / 762 7325
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Test Report

Report Number：JKTH26002331

Test conducted:

Test Result Summary:

Test Item	Unit	Test Method	Result Paper	MDL	Standard Limit #
Heavy Metal					
Cadmium (Cd) content	ppm	With reference to IEC 62321: 2013, by microwave or acid digestion and determined by ICP-OES.	ND	5	100
Lead (Pb) content	ppm	With reference to IEC 62321: 2013, by microwave or acid digestion and determined by ICP-OES.	ND	5	1000
Mercury (Hg) content	ppm	With reference to IEC 62321: 2013, by microwave or acid digestion and determined by ICP-OES.	ND	5	1000
Chromium VI (Cr^{6+}) content	ppm	With reference to IEC 62321 : 2017, by alkaline digestion and determined by UV-VIS spectrophotometer	ND	1	1000
Polybrominated Biphenyls (PBBs)					
Monobrominated Biphenyls (MonoBB)	ppm	With reference to IEC 62321: 2015, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	ND	5	1000
Dibrominated Biphenyls (DiBB)	ppm		ND	5	1000
Tribrominated Biphenyls (TriBB)	ppm		ND	5	1000
Tetrabrominated Biphenyls (TetraBB)	ppm		ND	5	1000
Pentabrominated Biphenyls (PentaBB)	ppm		ND	5	1000
Hexabrominated Biphenyls (HexaBB)	ppm		ND	5	1000
Heptabrominated Biphenyls (HeptaBB)	ppm		ND	5	1000
Octabrominated Biphenyls (OctaBB)	ppm		ND	5	1000
Nonabrominated Biphenyls (NonaBB)	ppm		ND	5	1000
Decabrominated Biphenyl (DecaBB)	ppm		ND	5	1000

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Test Report

Report Number：JKTH26002331

Test conducted:

Test Result Summary:

Test Item	Unit	Test Method	Result Paper	MDL	Standard Limit #
Polybrominated Diphenyl Ethers (PBDEs)					
Monobrominated Diphenyl Ethers (MonoBDE)	ppm	With reference to IEC 62321: 2015, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	ND	5	1000
Dibrominated Diphenyl Ethers (DiBDE)	ppm		ND	5	1000
Tribrominated Diphenyl Ethers (TriBDE)	ppm		ND	5	1000
Tetrabrominated Diphenyl Ethers (TetraBDE)	ppm		ND	5	1000
Pentabrominated Diphenyl Ethers (PentaBDE)	ppm		ND	5	1000
Hexabrominated Diphenyl Ethers (HexaBDE)	ppm		ND	5	1000
Heptabrominated Diphenyl Ethers (HeptaBDE)	ppm		ND	5	1000
Octabrominated Diphenyl Ethers (OctaBDE)	ppm		ND	5	1000
Nonabrominated Diphenyl Ethers (NonaBDE)	ppm		ND	5	1000
Decabrominated Diphenyl Ether (DecaBDE)	ppm		ND	5	1000
Phthalate test :					
Di(2-ethylhexyl) Phthalate (DEHP)	ppm	With reference to IEC 62321-8 : 2017, by solvent extraction and determined by GC-MS.	ND	50	1000
Benzyl Butyl Phthalate (BBP)	ppm		ND	50	1000
Dibutyl Phthalate (DBP)	ppm		ND	50	1000
Diisobutyl Phthalate (DIBP)	ppm		ND	50	1000

Remarks: ppm = Parts per million based on weight of tested sample = mg/kg
ND = Not detected (<MDL)
MDL = Method detection limit
# = Refer to RoHS 2011/65/EU Annex II and Amending Directive (EU) 2015/863 for homogeneous material.

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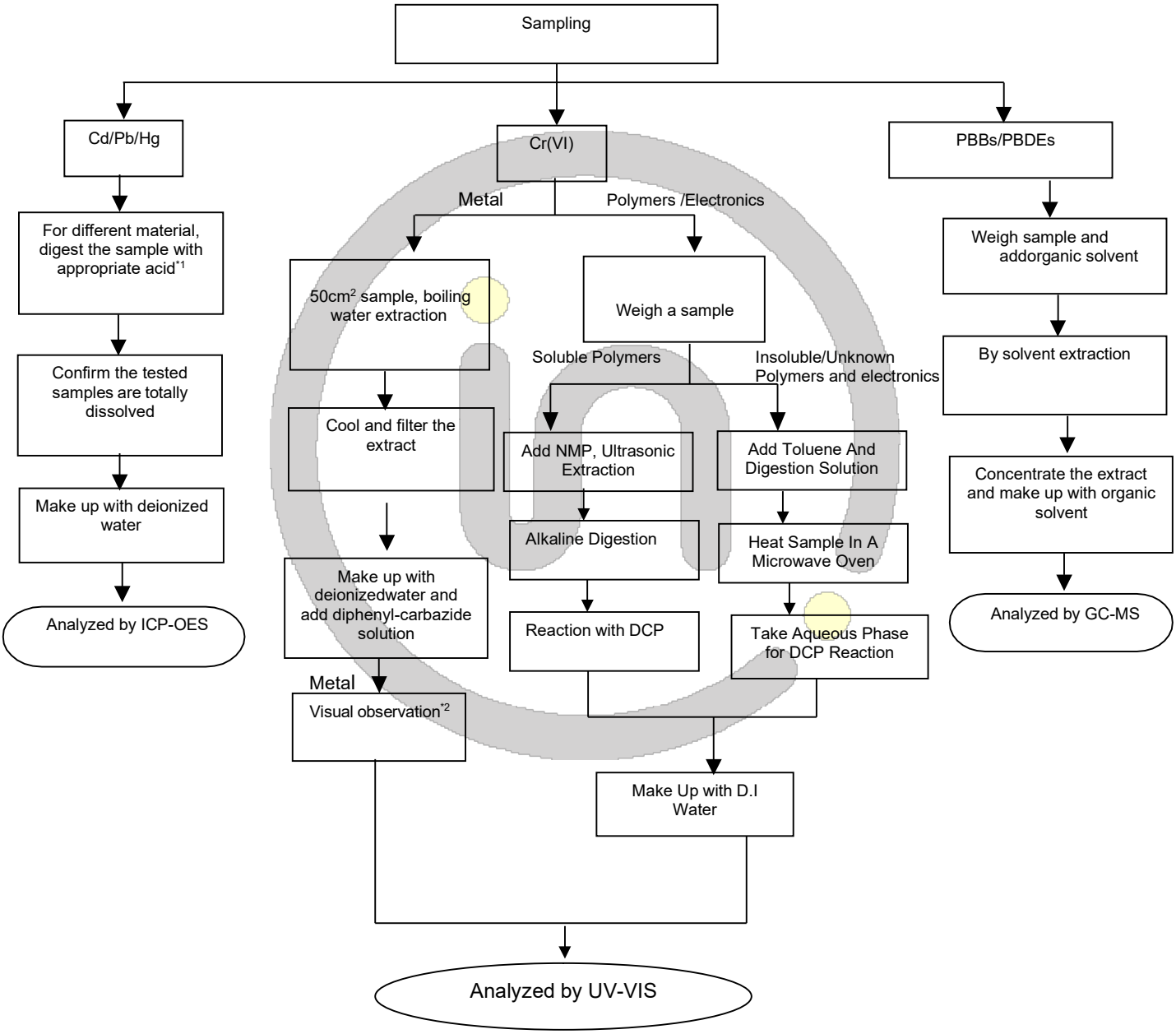
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Test conducted:

Measurement Flowchart: Test for Cd/Pb/Hg/Chromium (VI) content and PBB/PBDE
Reference Standard : Cd/Pb : IEC 62321-5: 2013; Hg: IEC 62321-4:2013;
Chromium (VI): IEC 62321-7-1:2015 (boiling water extraction)
Chromium (VI): IEC 62321:2017 (alkaline extraction)
PBBs/PBDEs: IEC 62321: 2015



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Remarks:

*1: List of Appropriate Acid：

Material	Acid Added for Digestion
Polymers	HNO_3,HCl,HF,$H2O_2$,$H3BO_3$
Metals	HNO_3,HCl,HF
Electronics	HNO_3,HCl,H_2O_2,HBF_4

*2: If sample solution is significantly more intense than 0.13 μg/cm² equivalent comparison standard, Chromium VI would be determined as detected, the result of visual observation is positive.

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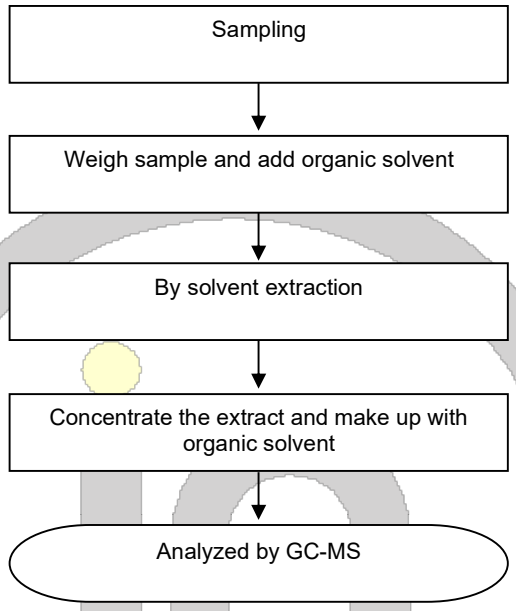
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Test conducted:

Measurement Flowchart:

Test for Phthalates Contents
Reference Method: IEC 62321-8 : 2017



END OF THE TEST REPORT

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