TEST REPORT

Test Report No. GGN/H(FCM)/22/001361

Dated 2022.07.07

Sample Image(s) (As Received)

Component No. A

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email :
Anuradha.Dhamija@tuvsud.com
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Registered Office:
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TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

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Applicant / Company Name	:	Leetha Pack Private Limited
Address	:	Major Industrial Estate, South Kalamassery, Cochin-683104-Kerala
Attention / Contact Person	:	Dawn Mathews
Tested Sample	:	Received On 2022.06.29 At 05:18 P.M.
Test Period	:	2022.06.30 To 2022.07.07
Article / Sample Description	:	Paper Cups
Style No.	:	Acrylic Based
Product Type / End Use	:	Paper Cups
Buyer	:	India

Note: The submitted sample(s) is / are Not Drawn by the Laboratory

NOTE: Unless otherwise agreed upon, Pass or Fail or Statement of compliance verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

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South Asia

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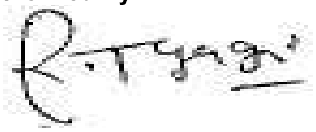
Remarks:
1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.

Authorized By



Robin Kumar Tyagi
(Authorised Signatory)

Please Contact:
For any technical issues: Anuradha Dhamija at :Anuradha.Dhamija@tuvsud.com
For any complaint: Ashima Sapra at: Ashima.Sapra@tuvsud.com

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Summary of Test Result(s)

S. No.	Test(s)	Conclusion(#)
1.	Pentachlorophenol (PCP) content as per US FDA 21 CFR 178.3800	Pass
2.	Net Chloroform soluble extractives as per US FDA 21 CFR 175.300	Pass
3.	Net Chloroform soluble extractives as per US FDA 21 CFR 176.170	Pass
(#) For details regarding specification(s) / regulation(s) based on which compliance is decided, refer test details.		

Material list / List of material(s) (As confirmed by applicant)

Component No.	Component description	Material	Color
A	Paper Cups	Paper	White

Sampling plan (As requested by applicant)

S. No.	Test	Component No.
1.	Pentachlorophenol (PCP) content as per US FDA 21 CFR 178.3800	A
2.	Net Chloroform soluble extractives as per US FDA 21 CFR 175.300	A
3.	Net Chloroform soluble extractives as per US FDA 21 CFR 176.170	A

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Test Result:

Pentachlorophenol (PCP) content

Test specification(s): US FDA 21 CFR 178.3800
Test method(s) adopted: In-house method (GTP_Chem_CPS_25119B2016.04);
Equipment(s) used: GC – MS (Gas Chromatograph – Mass Spectrometer).

S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max	Conclusion
1.	A	ND	0.05	50	Pass

Net Chloroform-soluble extractives

Test Specification(s) & Test method(s) adopted: US FDA 21 CFR 175.300;
Simulant(s) used: Refer below;
Test condition(s): Refer below.

S. No.	Component No.	Simulant used	Test condition(s)	Result (mg/inch^2)	Conclusion
1.	A	Distilled water	Fill Boiling and Cool to 100 °F	ND	Pass
		n-heptane	120 °F for 15 minutes	ND	Pass
Limit of quantification: 0.1 mg/in^2					
Compliance requirement / Limit Max.: 18.0 mg/in^2					

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Net Chloroform-soluble extractives

Test Specification(s) & method(s) adopted: US FDA 21 CFR 176.170;
Simulant(s) used: Refer below;
Test condition(s): Refer below.

S. No.	Simulant used	Test condition(s)	Test Result (mg/inch^2) – Component No. A	Compliance requirement / Limit Max. (mg/in^2)	Conclusion
1.	Distilled water	Fill Boiling and Cool to 100 °F	ND	0.5	Pass
2.	n-heptane	120 °F for 15 minutes	ND	0.5	Pass
Limit of quantification: 0.1 mg/in^2					

Abbreviations
"mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); "ND" denotes Not Detected or below limit of quantification; "°C" denotes degree Celsius; Conversion from % to ppm or mg/kg can be done by multiplying with 10,000; "mg/in^2" denotes milligram per square inch; "°F" denotes degree Fahrenheit;

--- END OF THE TEST REPORT ---

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