

# TEST REPORT



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

Dated 2022.07.07

## Sample Image(s) (As Received)



Component No. A

# TEST REPORT



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Dated 2022.07.07

**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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Note: The test report is electronically generated. Hence original signature is not required.

Note: (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory (3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same, (5) The testing conditions are followed as per the reported test standard. For additional test conditions apart from the reported test conditions laboratory can be contacted for details

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

Phone : +91 (124) 6199699  
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Mumbai – 400072. India

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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](mailto:Anuradha.Dhamija@tuvsud.com)

For any complaint: Ashima Sapra at: [Ashima.Sapra@tuvsud.com](mailto:Ashima.Sapra@tuvsud.com)

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## **Summary of Test Result(s)**

<b>S. No.</b>	<b>Test(s)</b>	<b>Conclusion(#)</b>
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)**

<b>Component No.</b>	<b>Component description</b>	<b>Material</b>	<b>Color</b>
A	Paper Cups	Paper	White

## **Sampling plan (As requested by applicant)**

<b>S. No.</b>	<b>Test</b>	<b>Component No.</b>
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 <sup>2</sup> )	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<sup>2</sup>

Compliance requirement / Limit Max.: 18.0 mg/in<sup>2</sup>

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<b>Net Chloroform-soluble extractives</b>					
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 <sup>2</sup> ) – Component No.	Compliance requirement / Limit Max. (mg/in <sup>2</sup> )	Conclusion
			A		
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 <sup>2</sup>					

## 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<sup>2</sup>” denotes milligram per square inch; “°F” denotes degree Fahrenheit;

--- END OF THE TEST REPORT ---