Test Report No. RPT/H(M)/24/000679
Dated 2024.04.13

South Asia

Applicant	:	**EVERGREEN SUSTAINABLE SOLUTIONS PVT. LTD.** Plot No.15,HSIIDC INDUSTRIAL ESTATE, MANAKPUR , Yamunanagar;Haryana-135003 India
Attention	:	Mr. Uday Goyal
Tested Sample	:	Received on 2024.03.26, 02:52 PM
Test Period	:	2024.03.27 to 2024.04.13
Sample Description	:	**Sample A:** COATED PAPER
Objectives of Examination	:	To test Net Chloroform-soluble extractives as per US FDA 21 CFR 176.170 & Net Chloroform-soluble extractives as per client's test condition(s) with reference to US FDA 21 CFR 176.170.
Note: the submitted samples are Not Drawn by the Laboratory. The test has been conducted in TUV-SUD other laboratories		

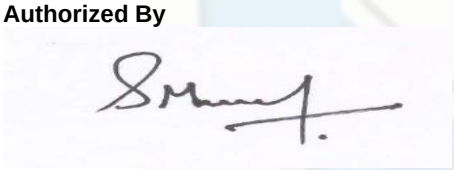
Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties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

1. The testing conditions are followed as per the reported test standard. For additional test conditions, apart from the reported test conditions, the laboratory can be contacted for details. 2. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client

Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Selection of test conditions was done as requested by applicant.
4. Also, as requested by applicant, conclusious of the tests were drawn as per / against regulation(s) / compliance requirement(s) / Limit Max specified by applicant
5. Tests are Subcontracted to TUV SUD South Asia Pvt Ltd., Gurugram (India).

Authorized By



Mohan S
(Authorised Signatory)

Please contact:
For any technical issues: C. Arun at C.Arun@tuvsud.com
For any complaint : A, Saleemraja at Saleemraja.A@tuvsud.com

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

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

Component No.	Component description	Material Type	Color
A	Coated Paper	Coated Paper	White

Sampling plan:

S. No.	Test	Component No.
1	Net Chloroform-soluble extractives as per– US FDA 21 CFR 176.170	A
2	Net Chloroform-soluble extractives as per client's test condition(s) with reference to US FDA 21 CFR 176.170.	A

Summary of Test Result(s)

S. No.	Test(s)	Conclusion
(i)	Net Chloroform-soluble extractives as per– US FDA 21 CFR 176.170	Pass
(ii)	Net Chloroform-soluble extractives as per Client's Specification(s) in line with US FDA 21 CFR 176.170	Pass

Test Results: Non - Accredited Parameters

Net Chloroform-soluble extractives

Test Specification(s):
(For simulants, distilled water, 8 % ethanol, 50 % ethanol, & n-heptane): US FDA 21 CFR 176.170;
(For simulants, 3 % acetic acid, 20 % ethanol, iso-octane, and 95 % ethanol): Client's Specification(s) in line with US FDA 21 CFR 176.170 (*1);

Test method(s) adopted:
(For simulants, distilled water, 8 % ethanol, 50 % ethanol, & n-heptane): US FDA 21 CFR 176.170;
(For simulants, 3 % acetic acid, 20 % ethanol, iso-octane, and 95 % ethanol): Client's specified method with reference to EN 1186-3:2002 & EN 1186-14:2002 (*1);
Simulant(s) used: Refer below;
Test condition(s): Refer below.

S. No.	Simulant used	Test condition(s)	Result (mg/inch^2) Component No. A	Compliance requirement / Limit Max. (mg/in^2)	Conclusion
1.	Distilled water	250 °F for 2 hours	ND	0.5	Pass
2.	Distilled water	70 °F for 48 hours	ND	0.5	Pass
3.	Distilled water	120 °F for 24 hours	ND	0.5	Pass
4.	8 % ethanol	150 °F for 2 hours	ND	0.5	Pass
5.	8 % ethanol	70 °F for 48 hours	ND	0.5	Pass
6.	50 % ethanol	150 °F for 2 hours	ND	0.5	Pass
7.	50 % Ethanol	70 °F for 48 hours	ND	0.5	Pass
8.	n-heptane	150 °F for 2 hours	ND	0.5	Pass
9.	n-heptane	70 °F for 0.5 hour	ND	0.5	Pass
10.	3 % acetic acid	150 °F for 2 hours	ND	0.5	Pass
11.	3 % acetic acid	70 °F for 48 hours	ND	0.5	Pass
12.	20 % ethanol	150 °F for 2 hours	ND	0.5	Pass
13.	20 % ethanol	70 °F for 48 hours	ND	0.5	Pass
14.	Iso-octane	104 °F for 0.5 hour	ND	0.5	Pass
15.	Iso-octane	68 °F for 48 hours	ND	0.5	Pass
16.	95 % ethanol	140 °F for 2 hours	ND	0.5	Pass
17.	95 % ethanol	68 °F for 48 hours	ND	0.5	Pass
Overall conclusion					Pass

Limit of quantification: 0.1 mg/in^2

(*1) Reference of these simulants, 3 % acetic acid, 20 % ethanol, iso-octane, and 95 % ethanol, can be found in Commission Regulation (EU) No. 10/2011 & its amendments. Also, the simulants, Iso-octane and 95 % ethanol are substitute simulants used instead of vegetable / olive oil.

Note: (1) "mg/in^2" denotes milligram per square inch; (2) "°F" denotes degree Fahrenheit; (3) "%" denotes percent; (4) "ND" denotes Not Detected or below limit of quantification.

Sample Digital Photograph


-- END OF THE TEST REPORT --