





# केन्द्रीय प्रदूषण नियंत्रण बोर्ड CENTRAL POLLUTION CONTROL BOARD पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

Certificate No.- CPCB/Tamilnadu Newsprint and Papers Limited/ Tamil Nadu/307

Dated: 06.11.2023

To.

M/s Tamilnadu Newsprint and Papers Limited

Mondipatti Village, K. Periyapatti Post, Manapparai Taluk - 621306,

Tiruchirappalli District, TamilNadu

Sub: Certificate to manufacturer for Manufacturing / Selling of Compostable Carry Bags and Commodities.

With reference to the application no Tamilnadu Newsprint and Papers Limited/Tamil Nadu/307 dated 03 Nov 2023 this is to certify that M/s Tamilnadu Newsprint and Papers Limited plant located at Mondipatti Village, K. Periyapatti Post, Manapparai Taluk - 621306, Tiruchirappalli District, TamilNadu is fulfilling the criteria as per revised Standard Operating Procedure (SOP) for issuing certificate as per the provisions '4(h)'&'11(c)' of Plastic Waste Management Rules, 2018, for manufacturing and selling of compostable carry bags and commodities in Indian Market as 'MANUFACTURER'.

Certificate for manufacturing and selling of compostable plastic bags and commodities in Indian market is hereby issued to M/s Tamilnadu Newsprint and Papers Limited plant located at Mondipatti Village, K. Periyapatti Post, Manapparai Taluk - 621306, Tiruchirappalli District, TamilNadu as 'MANUFACTURER' with the following conditions:

- The end product "Compostable plastics and commodities" shall be manufactured using the raw materials "Cellulose compounds, Other" and following the production process (Annexure I).
- ii. Each carrybag and commodities made from compostable material or plastic shall bear a label "COMPOSTABLE" IS/ISO:17088 titled as Specifications for "Compostable Plastic" in English & regional language. Each carrybag and commodities shall also have printed code and Certificate Number of "MANUFACTURER"
- iii. The manufacturer shall generate QR code based on the details (Name, plant address, CPCB certificate no. etc.) provided in the certificate issued by CPCB and QR code shall be provided on each of the carry bag and commodities manufactured at the certified unit. The "verifiable" details of the QR code shall be shared with the SPCB/PCC/CPCB within one month of issue of this Certificate.
- iv. This certificate issued by CPCB shall not require renewal. However, a fresh application shall be filed with CPCB for grant of certificate, in case there is any change in raw material/ production process or product.

- Day

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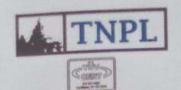
'परिवेश भवन' पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032 दूरभाष/Tel : 43102030, 22305792,वेबसाईट/Website : www.cpcb.nic.in

- v. The Manufacturer shall provide six-monthly report giving details of raw material procurement and product sale to SPCB/PCC/CPCB as per the prescribed format.
- vi. The "Manufacturer" shall comply with provisions of PWM Rules / Guidelines issued from time to time by the Ministry of Environment, Forest & Climate Change or Central Pollution Control Board.
- vii. The manufacturer shall manufacture/sell the compostable carrybags and commodities only after they obtain a valid EPR Registration for manufacturing of Compostable carrybags and commodities from concerned SPCB/PCC. The EPR Registration should be submitted to CPCB within 03 months of issue of the Certificate by CPCB, failing which the Certificate shall stand cancelled.
- viii. If the certified Manufacturer is found non-complying with the provisions of the PWM Rules, 2018, the Certificate shall stand cancelled

(Divya Sinha) Director & I/c UPC-II

विव्या सिन्हा / Divya Sinha
वैज्ञानिक 'एफ' / Scientist 'F'
वेंग्नीय प्रवृषण नियंत्रण बोर्ड
Central Pollution Control Board
(पर्यावरण, बन एवं प्रतवानु परिवर्तन मंत्रात्व, प्रतव परकार)
Mb Environment, Forest & Carada Chango, Gort et Inda)
परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली-110032
Partventh Bhawan, Forest & Worm, Declarations



# Tamil Nadu Newsprint and Papers Limited

(A Govt. of Tamil Nadu Enterprise)
No. 67/1394 (Old No. 41/2955), 1st Floor,
Madathiparambil Lane,
St. Vincent Road, Ernakulam 682018

E-mail: sales.unit2ekm@tnpl.co.in

18/8/23

### TO WHOM SO EVER IT MAY CONCERN

This is to confirm that TNPL is supplying only Virgin food grade pulp based, base Paper boards to our customers as per ISO-6615:1972(RA-2009) & US FDA 21, CFR 176,170. Our Products are compliant with BFR XXXVI regulation & EC No.:1907/2006.

Our food grade certificate is enclosed herewith for your kind reference and records.

G.Davish Prasad.

Assistant Manager (MKTG)



## CERTIFICATE

Food safety management systems as per

ISO 22000: 2018

Requirements for any organization in the food chain

The Certification Body TOV NORD CERT GmbH hereby confirms as a result of the sucit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

TAMILNADU NEWSPRINT AND PAPERS LIMITED

UNIT II: Multilayer Coated Board Manufacturing Facility Mondipatty, K.Periyapatti Post, Manaparai Taluk, Tiruchirapalli - 621 306, Tamilnadu, India



operates a management system in accordance with the requirements of ISO 22000; 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Category -

I: Production of Food Packaging and Packaging Material

Scope -

Manufacture and Supply of Multilayer Uncoated and Coated Paper Boards for Food Products Packaging by Pulping, Board Making, Coating and Conversion.

Certificate Registration No. 44 281 21393378 Audit Report No. 2.5-10600/2021

Certification Body at TOV NORD CERT GmbH Valid from 15.11.2021 Valid until 14.11.2024 Initial certification 2021

Mumbal, 15.11.2021

TUV NORD CERT GHIDH

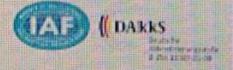
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www.blev-nord-cert.com

TUV India Pvt Ltd., 801, Rahaja Plaza - 1, L.B.S. Marg. Chadiopar (W), Mursbal - 400 008, India

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#### **Test Report**

Report No: TUV(I)/503/22-23/9052210353 Part A

Date: 13 June 2022

Name and address of

customer

**TUV INDIA PRIVATE LIMITED** 

**TUV Nord Group** No.8. VK Commerce, II Floor, III Main Road, Opp. KSSIDC, IT Park, Rajajinagar, Industrial Estate, Bangalore - 560 010. India.

CIN: U74140MH1989PTC052930 Phone : 080 - 40823000

Toll Free: 1800-209-0902

Tamil Nadu Newsprint and Papers Like United Edulation (Com

(A Government of Tamil Nadu Enterprise) Website: www.tuv-nord.com/in

Mondipatti, K. Periyapatti Post,

Manapparai Taluk, Tiruchirappalli Dist, Tamilnadu-621306.

Solid Bleached Sulphate Board Name of the sample

Batch Code: AFT, AFT-B1, AFS, ALP, ASN **Batch Code** 

9052210353 CA No.

Date of sample receipt 12 May 2022

12 May 2022 - 13 June 2022 Date(s) of analysis

Chemical Discipline

1.To test for compliance with US FDA 21.CFR.176.170 -

Chloroform - soluble extractive residues test. Objectives Of Examination

Customer Sample drawn by

Selected test(s) as requested by client. **Test Requested** 

**Result Summary** 

Test Requested	Conclusion
1.US FDA 21.CFR.176.170 - Chloroform - soluble extractive residues test	PASS

Page 1 of 3



Report No : TUV(I)/503/22-23/9052210353 Part A

Date: 13 June 2022

#### 1.US FDA 21.CFR.176.170 - Chloroform - soluble extractive residues test

Sr. No.	Total Extractive Test Using Simulants	Temperature & Condition	Result	Unit	LOQ	Limits as per US FDA 21.CFR.176.170	Test Method
1	Distilled Water	120 °F-24hr	< LOQ	mg/inch <sup>2</sup>	0.25	0.5	
2	8 % Ethanol	120 °F-24hr	< LOQ	mg/inch²	0.25	0.5	Based on TUVB/02/SOP/27
3	50 % Ethanol	120 °F-24hr	< LOQ	mg/inch <sup>2</sup>	0.25	0.5	USFDA 21.CFR.176.170
4	n - Heptane	70 °F- 0.5hr	< LOQ	mg/inch <sup>2</sup>	0.25	0.5	

#### Note:

- Sample Complies with US.FDA 21.CFR.176.170 for above tested parameters.
   Sample kept in contact with Simulants above test condition.
   Limits are as per USFDA 21.CFR.176.170
   LOQ: Limit of Quantification

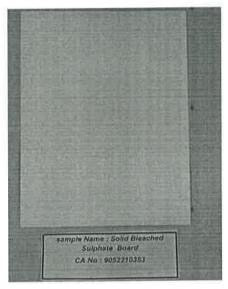
Page 2 of 3





Report No : TUV(I)/503/22-23/9052210353 Part A

Date: 13 June 2022



Sample image is authentic only for the original test report

Authorized by

RaghuRam Semmalai
Assistant Manager – Material Testing Services

#### Terms and Conditions:

- 1. Test Results are based on & related only to the particular sample(s) tested.
- 2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd.
- 3. This Certificate reflects our findings at the time and place of testing.
- 4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
- This Report, in full or in part, shall not be used to make any misleading claims or for any legal purposes.
- 6. All terms and conditions of our quotation on the basis of which this testing service has been provided are deemed to be fully accepted by the customer and are deemed to be in full force and effect.
- 7. This Report is exclusively for the use of the customer whose name and address is indicated above. No third party can derive rights against the company on the basis of this report. No third party has any right to raise any claims on the company.
- 8. For Biological and mycotoxin Analysis: Our analytical findings reflect the quality of the sample at the time of testing. No responsibility can be accepted for the possible consequences of further development of micro-organisms or mycotoxin which may depend upon storage, handling & weathers conditions which may influence the results at a later date/time respectively.
- 9. The laboratory tests are conducted by TUV India as per mutual agreement without any implied warranty of merchantability and fitness for any general or particular use. TUV India will not be liable for any claims for Indirect, incidental or consequential damages including but not limited to loss of revenue, loss of profits and similar claims. TUV India will also not be liable under any strict liability, product liability or negligence. The total liability, scientifically and legally proven, if any, of TUV India, in any case, shall not exceed the invoiced amount for the services provided and paid for.

10. For Pesticide Residue analysis, reported value at LOQ level may vary within analytical variation of 50% considering Uncertainty of Measurement.

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**End of Report** 





#### **Test Report**

Report No: TUV(I)/503/22-23/9052210353 Part C

Date: 13 June 2022

**TUV INDIA PRIVATE LIMITED** 

TUV Nord Group
No.8. VK Commerce,
II Floor, III Main Road,
Opp. KSSIDC, IT Park,
Rajajinagar, Industrial Estate,
Bangalore - 560 010. India.

CIN: U74140MH1989PTC052930

Phone : 080 - 40823000 Toll Free : 1800-209-0902

Email : foodlabindia@tuv-nord.com
Website : www.tuv-nord.com/in

Name and address of customer

Tamil Nadu Newsprint and Papers Limited - Unit II

(A Governmen of Tamil Nadu Enterprise) Mondipatti, K. Periyappatti Post,

Manapparai Taluk, Tiruchirappali District, Tamil Nadu - 621306

Tiruchirappali, Tamil Nadu

621306

Name of the sample

Solid Bleached Sulphate Board

Batch Code

Batch Code: AFT, AFT-B1, AFS, ALP, ASN

CA No.

9052210353

Date of sample receipt

12-May-2022

Date(s) of analysis

12 May 2022 - 13 June 2022

To test for compliance with BFR XXXVI regulation & EC No: 1907/2006.

1) Heavy metal

2) Specific Migration of Phthalates3) Monochloropropanediol (MCPD)

4) Dichloropropanol (DCP)

5) Specific Migration of Primary Aromatic Amines

6) Azo Dyes

Objectives Of Examination

7) Specific Migration of Glyoxal

8) Optical Brightners

9) Nonyl Phenol Ethoxylate (NPEO)

10) Acrylamide

11) Anti Microbial Substances

12) Specific Migration of Bisphenol A

13) Specific Migration of Dimethylamine

Test Requested

.

Selected test(s) as requested by Customer

Sample drawn by

:

Customer

Conclusion

:

The submitted sample To test for BFR XXXVI Regulation, EC No: 1907/2006

For detail Test Results refer further pages

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Page 1 of 6



#### Report No: TUV(I)/503/22-23/9052210353 Part C

1) Heavy n	Heavy metal test							
Sr. No.	Name of Test	Result	Unit	LOQ	Limits as per BfR XXXVI	Test Method		
1.1	Lead (Pb)	< LOQ	mg/kg	0.1	Max 3			
1.2	Cadmium (Cd)	< LOQ	mg/kg	0.1	Max 0.5	Based on EN-647		
1.3	Mercury (Hg)	<loq< td=""><td>mg/kg</td><td>0.1</td><td>Max 0.3</td><td>Determined by ICP-OES</td></loq<>	mg/kg	0.1	Max 0.3	Determined by ICP-OES		
1.4	Chromium (VI)	<loq< td=""><td>mg/kg</td><td>0.1</td><td>Not Detectable</td><td></td></loq<>	mg/kg	0.1	Not Detectable			

Note: The sample Complies above test parameter as per BfR XXXVI Regulation.

LOQ: Limit of Quantification

#### 2) Specific Migration of Phthalates

Sr. No.	Name of Test Parameter	Result	Unit	LOQ	Limits as per BfR XXXVI	Test Method	
2.1	Diethylhexyl phthalate	< LOQ	mg/kg	0.1	Max 1.5		
2.2	Di-n-butyl phthalate	< LOQ	mg/kg	0.1	Max 0.3	Method based on	
2.3	Diisobutyl phthalate	< LOQ	mg/kg	0.1	Max 0.3	BS EN 13130 (P1) 2004) by GC-MS	
2.4	The sum of Di-n-butyl phthalate & Diisobutyl phthalate	<loq< td=""><td>mg/kg</td><td>0.1</td><td>Max 0.3</td><td>by GC-Mis</td></loq<>	mg/kg	0.1	Max 0.3	by GC-Mis	

The sample Complies above test parameter as per BfR XXXVI Regulation.Limits as per the BfR XXXVI Regulation LOQ: Limit of Quantification

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Report No : TUV(I)/503/22-23/9052210353 Part C

LOQ: Limit of Quantification

3) Monochi	oropropanediol (MCPD)					
Sr. No.	Name of Test	Result	Unit	LOQ	Limits as per BfR XXXVI	Test Method
3.1	Monochloropropanediol (MCPD)	< LOQ	μg/kg	10	12.00	Determined by GC-MSMS
	Complies above test parameter at of Quantification	s per BfR XXXV	I Regulation.			
l) Dichloro	propanol (DCP)					
Sr. No.	Name of Test	Result	Unit	LOD/LOQ	Limits as per Standard	Test Method
4.1	Dichloropropanol (DCP)	Not Detected	mg/kg	0.01	Not Detectable	Determined by GC-MSMS
	Complies above test parameter at of Quantification	as per BfR XXXV	I Regulation.L	imits as per the	BfR XXXVI Reg	ulation
5) Specific	Migration of Primary Aromat	ic Amines				
Sr. No.	Name of Test	Result	Unit	Detection Limit	Limits as per Standard	Test Method
5.1	Specific Migration of Primary Aromatic Amines	Not Detected	mg/kg	0.01	0.01	Method based on BS EN 13130(P1) 2004) Determined by GC MSMS
The sample	Complies above test parameter	as per BfR XXXV	/I Regulation.L	imits as per the	BfR XXXVI Reg	ulation
6) Azo Dye:	S					
Sr. No.	Name of Test	Result	Unit	Detection Limit	Limits as per Standard	Test Method
6.1	Azo Dyes	Not Detected	mg/kg	0.01	Prohibited	Based on EN 14362-1 Determined by GC MSMS
The sample	Complies above test parameter	as per BfR XXXV	/I Regulation.L	imits as per the	BfR XXXVI Reg	ulation
7) Specific	Migration of Glyoxal					
Sr. No.	Name of Test	Result	Unit	rod	Limits as per BfR XXXVI	Test Method
7.1	Specific Migration of Glyoxal	< LOQ	mg/dm²	1.0	NMT 1.5	Method based on BS EN 13130(P1) 2004) Determined by UPLC MS/M





Report No : TUV(I)/503/22-23/9052210353 Part C

Date	٠	13	June	LULL

Sr. No.	Name of Test	Result	Limits as per Standard Test Method		Test Method		
8.1	Optical Brightners (Fluoroscent Subsances of Wavelength 254 to 465 nm)	No optical Brightners Absorbed @ 254 to 465 nm	No visible	e transfer	Determined by UV Visible Spectrophotomete Based on EN 648		
Note: The s	ample Complies above test para	meter as per BfR	XXXVI Regula	tion.Limits as	per the BfR XXXV	/I Regulation.	
9) Nonyl Ph	enol Ethoxylate (NPEO)						
Sr. No.	Name of Test	Result	Unit	LOQ	Limits as per BfR XXXVI	Test Method	
9.1	Nonyl Phenol Ethoxylate (NPEO)	< LOQ	mg/kg	0.025	Not Detectable	Determined by UPLC MS/MS	
	Complies above test parameter t of Quantification	as per BfR XXXV	/I Regulation.L	imits as per the	e BfR XXXVI Reg	gulation	

#### 10) Acrylamide

8) Optical Brightners

Sr. No.	Name of Test	Result	Unit	LOQ	Limits as per BfR XXXVI	Test Method
10.1	Acrylamide	< LOQ	mg/kg	0.025	Not Detectable	Determined by UPLC MS/MS

The sample Complies above test parameter as per BfR XXXVI Regulation.Limits as per the BfR XXXVI Regulation LOQ: Limit of Quantification

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Report No: TUV(I)/503/22-23/9052210353 Part C

Date: 13 June 2022

Sr. No.	Name of Test Parameter	Result	Unit	Limits as per BfR XXXVI	Test Method
1.1	Antimicrobial Substances Bacillus subtillus NCIM 2063 Aspergillus niger NCIM 1196	Absence of zone inhibition		Absence of zone inhibition*	BS EN 1104:2005

<sup>\*-</sup> Absence of zone of inhibition indicates should not release substances in quantities which have an antimicrobial effect in the Product against tested bacteria and fungi. The sample **Complies** above test parameter as per BfR XXXVI Regulation.

#### 12) Specific Migration of Bisphenol A

Sr. No.	Name of Test	Result	Unit	LOQ	Limits as per BfR XXXVI	Test Method
12	Specific Migration of Bis Phenol A	<loq< td=""><td>mg/kg</td><td>0.025</td><td>Max 0.050</td><td>Cold water extract Followed by by LC-MS/MS</td></loq<>	mg/kg	0.025	Max 0.050	Cold water extract Followed by by LC-MS/MS

The sample Complies above test parameter as per BfR XXXVI Regulation.

LOQ: Limit of Quantification

#### 13) Specific Migration of Dimethylamine

Sr. No.	Name of Test	Result	Unit	Limits as per BfR XXXVI	Test Method
13	Specific Migration of Dimethylamine	Absent	mg/dm²	Not Detectable	Method based on BS EN 13130(P1) 2004) Determined by GC MS/MS

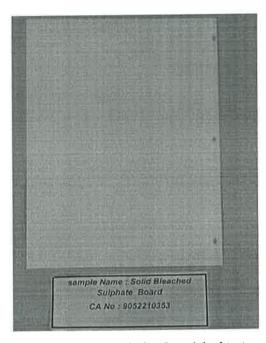
The sample Complies above test parameter as per BfR XXXVI Regulation.Limits as per the BfR XXXVI Regulation LOQ: Limit of Quantification





Report No: TUV(I)/503/22-23/9052210353 Part C

Date: 13 June 2022



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Authorized by

RaghuRam Semmalai Assistant Manager - Material Testing Services

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- 2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd.
- 3. This Certificate reflects our findings at the time and place of testing.
- 4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
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- 7. This Report is exclusively for the use of the customer whose name and address is indicated above. No third party can derive rights against the company on the basis of this report. No third party has any right to raise any claims on the company.
- 8. For Biological and mycotoxin Analysis: Our analytical findings reflect the quality of the sample at the time of testing. No responsibility can be accepted for the possible consequences of further development of micro-organisms or mycotoxin which may depend upon storage, handling & weathers conditions which may influence the results at a later date/time respectively.
- 9. The laboratory tests are conducted by TUV India as per mutual agreement without any implied warranty of merchantability and fitness for any general or particular use. TUV India will not be liable for any claims for indirect, incidental or consequential damages including but not limited to loss of revenue, loss of profits and similar claims. TUV India will also not be liable under any strict liability, product liability or negligence. The total liability, scientifically and legally proven, if any, of TUV India, in any case, shall not exceed the invoiced amount for the services provided and paid for.
- 10. For Pesticide Residue analysis, reported value at LOQ level may vary within analytical variation of 50% considering Uncertainty of Measurement.

**End of Report** 

Page 6 of 6





#### **Test Report**

Report No: TUV(I)/503/22-23/9052210353 Part B

Date: 13 June 2022

TUV INDIA PRIVATE LIMITED
TUV Nord Group

No.8. VK Commerce, II Floor, III Main Road, Opp. KSSIDC, IT Park, Rajajinagar, Industrial Estate, Bangalore - 560 010. India. CIN: U74140MH1989PTC052930

Phone : 080 - 40823000 Toll Free : 1800-209-0902

Email : foodlabindia@tuv-nord.com Website : www.tuv-nord.com/in

Name and address of customer

Tamil Nadu Newsprint and Papers Ltd - Unit II

(A Government of Tamil Nadu Enterprise)

Mondipatti, K. Periyapatti Post,

Manapparai Taluk, Tiruchirappalli Dist, Tamilnadu-621306.

Name of the sample

Solid Bleached Sulphate Board

Batch Code

Batch Code: AFT, AFT-B1, AFS, ALP, ASN

Lab sample Id No.

9052210353

Date of sample receipt

12 May 2022

Date(s) of analysis

12 May 2022 - 13 June 2022

Discipline

: Chemical

Products Category

Food Contact & Food Packaging Materials

Objectives Of Examination

FSSAI - Food Safety and standard (Packaging) Regulation

1) To test for compliance with IS-6615: 1972 (RA-2009) for Heavy Metal, PCP & PCB

Content

Regulation Requirement

To test for compliance with IS-6615: 1972 (RA-2009), Paper Board material & article

intended to come in contact with Foodstuffs as per FSSAI Food Packaging Regulation.

Sample drawn by

: Customer

Conclusion

The Submitted sample **Conforms** with IS 6615: 1972 (Reaffirmed 2009) for Cadmium, Hexavalent Chromium, Lead, Mercury, Pentachlorophenol & Polychlorinated biphenyl\_PCB test parameters.

Refer further pages for Test Result

Page 1 of 2

Registered & Head Office: 801, Raheja Plaza - 1, L.B.S. Marg, Ghatkopar (W), Mumbai 400 086. Phone: (022) 6647 70000 \* E-mail: infoindia@tuv-nord.com/in

TÜV NORD GROUP



Report No: TUV(I)/503/22-23/9052210353 Part B

Date: 13 June 2022

Sr. No.	Name of Test	Result	LOQ	Unit	Limits as per IS 6615: 1972 (Reaffirmed 2009)	Test Method
1	Cadmium - Cd	< LOQ	0.25	mg/kg	0.5	
2	Lead – Pb	< LOQ	0.25	mg/kg	3.0	
3	Mercury – Hg	<loq< td=""><td>0.25</td><td>mg/kg</td><td>0.3</td><td>Based on IS 6615: 1972</td></loq<>	0.25	mg/kg	0.3	Based on IS 6615: 1972
4	Hexavalent Chromium – Cr ( VI )	< LOQ	0.05	mg/kg	0.1	(Reaffirmed 2009)
5	Pentachlorophenol Content	< LOQ	0.025	mg/kg	0.05	
6	Polychlorinated biphenyl_PCB Content	< LOQ	0.3	mg/kg	2.0	

Name of the PCBs Compounds Analysed

2-CHLOROBIPHENYL

3,3',-DICHLOROBIPHENYL

2,4,5-TRICHLOROBIPHENYL

2,2',4,4TETRACHLOROBIPHENYL

2,3,4,5,6-PENTACHLOROBIPHENYL

2,2',3,3',6,6'-HEXACHLOROBIPHENYL

2,2',3,4,5,5',6,-HEPTACHLOROBIPHENYL

2,2',3,3',4,4',5,5'-OCTACHLOROBIPHENYL

2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL

2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL

Note: LOO-Limit of Quantification



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Authorized by

RaghuRam Semmalai Assistant Manager - Material Testing Services

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-- End of Report

