

TEST REPORT

CIN - U74990MH2010PTC201958

Issued To

Zen Poultry & Farming HVAC Equipment
Rudraksh Building , A.R.Construction,
Office No3, Plot No 53A,
Sector No- 3, Karanjade, Panvel- 410206 .
Phone: +91 08689928105

Report No.: 161125014/1611250026

Dated 05/07/2021

DOB : 28/06/2021

Sample Description: 160X585X35MM PAPER HONEYCOMB COOLING PADS

ID-1611250026

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RoHS TEST CERTIFICATE

Toxic Metals	Results	Limits (Max.)	Method Detection Limits (MDL)
Lead (as Pb)	28.0 ppm	1000 ppm	1.0 ppm
Cadmium (as Cd)	BDL	100 ppm	1.0 ppm
Mercury (as Hg)	BDL	1000 ppm	1.0 ppm
Hexa Chromium (as Cr ⁶⁺)	BDL	1000 ppm	1.0 ppm
Flame Retardants	-	-	-
Poly Brominated Biphenyls (PBBs)	-	1000 ppm	-
Monobromobiphenyl	ND	-	10 ppm
Dibromobiphenyl	ND	-	10 ppm
Tribromobiphenyl	ND	-	10 ppm
Tetrabromobiphenyl	ND	-	10 ppm
Pentabromobiphenyl	ND	-	10 ppm
Hexabromobiphenyl	ND	-	10 ppm
Heptabromobiphenyl	ND	-	10 ppm
Octabromobiphenyl	ND	-	10 ppm
Nonabromobiphenyl	ND	-	10 ppm
Decabromobiphenyl	ND	-	10 ppm
Poly Brominated Diphenylethers (PBDEs)	-	1000 ppm	-
Monobromodiphenyl Ether	ND	-	10 ppm
Dibromodiphenyl Ether	ND	-	10 ppm
Tribromodiphenyl Ether	ND	-	10 ppm
Tetrabromodiphenyl Ether	ND	-	10 ppm
Pentabromodiphenyl Ether	ND	-	10 ppm
Hexabromodiphenyl Ether	ND	-	10 ppm
Heptabromodiphenyl Ether	ND	-	10 ppm
Octabromodiphenyl Ether	ND	-	10 ppm
Nonabromodiphenyl Ether	ND	-	10 ppm
Decabromodiphenyl Ether	ND	-	10 ppm

Protocol: Test was conducted with reference to IEC 62321-2008012 Edition 1.
Instrument used: ICP-OES, UV-VIS Spectrometer, GC-MS/MS(EI) with mass range 40-1000 amu.
BDL: Below Detection Limit. ND: Not Detected.

CCREQD21RA0001A44055

Remark: The sample meets the requirements of the standard.

Note: Sample tested at our Principal Lab.

*****END OF REPORT*****

Analyst

Authorised Signatory

TR

22645

ISO 9001:2008 Certified Laboratory

Subject to Terms & Conditions Overleaf.

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Date of Start: 30/06/2021

Date of Completion: 04/07/2021

MICROBIOLOGICAL TEST CERTIFICATE

Sl. No.	Tests / Parameters	Test Method	Test Organism	Observed Results Log Value
1	Antibacterial Activity Efficacy	ISO:22196:2007	Escherichia Coli ATCC-8739	2.19
2	Antibacterial Activity Efficacy	ISO:22196:2007	Staphylococcus Aureus ATCC-6538	2.31

Materials & Test Conditions

Antibacterial Treated Specimen	35mm square, 1.30mm thickness
Untreated Controlled Specimen	35mm square, but without Ag compound in acrylic coating
Cover Film	PET film (Stomacher bag film), 50mm square, 0.06mm thickness
Bacterial Strain	Escherichia Coli ATCC-8739
	Staphylococcus Aureus ATCC-6538
Volume of Inoculum	0.4ml

Remark: Based on the above results, the sample is said to have anti bacterial properties.

Note: Sample tested at our Principal lab.

*****END OF REPORT*****

CCREQD11RA000JA44655

Analyst

Authorised Signatory

TR

22644

ISO 9001:2008 Certified Laboratory

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