



Prüfbericht - Nr.: <i>Test Report No.:</i>	IND/BLR/CH/2020/5725	Seite 1 von 3 <i>Page 1 of 3</i>			
Auftraggeber: <i>Client:</i>	RENEWSYS INDIA PVT. LTD. Plot No. 21, 22 & 23, Bommasandra – Jigani Link Road, Industrial Area Taluk Anekal, Bengaluru – 560 105, Karnataka, India				
Gegenstand der Prüfung: <i>Test item:</i>	PRESERV A 125 WN1				
Bezeichnung: <i>Identification:</i>	-	Serien-Nr.: <i>Serial No./ Document Submitted:</i>	Email date : 06.08.2020		
Wareneingangs-Nr.: <i>Receipt No.:</i>	07082020	Eingangsdatum: <i>Date of receipt:</i>	07.08.2020		
Order No.:	166471882	Test Period:	13.08.2020 to 17.08.2020		
Prüfort: <i>Testing location:</i>	TÜV Rheinland India Pvt Ltd, Plot No.27B, 2 nd cross Electronic City, Phase 1, Hosur Road, Bangalore - 560 100, Karnataka, India.				
Prüfgrundlage: <i>Test specification:</i>	RoHS Directive Compliance : Restriction of the use of Hazardous Substances Directive 2011/65/EU, RoHS2 Amended directive updated to date, including Phthalates as per EU/2015/863.				
Prüfergebnis: <i>Test Result:</i>	PASS				
Prüflaboratorium/ Testing Laboratory:					
zusammengestellt/ compiled by:		kontrolliert/ checked by:			
18.08.2020	Suresh M Asst.Manager - Material Testing Laboratories, Industry Services	18.08.2020	Rajesh Jain B Technical Head, Material Testing Laboratories, Industry Services		
Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects: NIL					
Abkürzungen: ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar			Abbreviations: ok / P = passed fail / F = failed n.a. / N = not applicable		
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. Sampling not done by TUVRI. Test item submitted by client. Decision rule applied at 95% confidence level of measurement uncertainty with coverage factor k=2 while stating the conformity'</i>					



TEST RESULTS

Discipline: Chemical
Product Group: Hazardous and Restricted chemicals

1. Heavy Metals:

Test Methods: EN 62321-4:2017, EN 62321-5:2014, ICP-OES for Total Cadmium, Lead, Mercury, Chromium EN 62321-7-2:2017, Spectrophotometer for Hexavalent Chromium					
Sample No.	Unit	Total Cadmium	Hexavalent Chromium	Total Mercury	Total Lead
Sample-001-01 Nonmetal	mg/kg	ND	ND	ND	ND
RoHS Limit, Max.	mg/kg	100	1000	1000	1000
Limit of Detection : Total Cadmium, Lead, Mercury, Hexavalent Chromium : 1 mg/kg Abbreviation : "mg/kg" denotes milligram per kilogram, "ND" denotes not detected					

2. PBB's and PBDE's:

Test Methods: EN 62321-6:2015, GC-MS for PBB's and PBDE's		
Flame Retardants		Results, Sample-001-01, mg/kg.
PBBs	Bromobiphenyl	ND
	Dibromobiphenyl	ND
	Tribromobiphenyl	ND
	Tetrabromobiphenyl	ND
	Pentabromobiphenyl	ND
	Hexabromobiphenyl	ND
	Heptabromobiphenyl	ND
	Octabromobiphenyl	ND
	Nonabromobiphenyl	ND
	Decabromobiphenyl	ND
	Sum of PBB's	< 2.5
	RoHS Limit, Sum of PBB's	1000
PBDEs	Bromodiphenylether	ND
	Dibromodiphenylether	ND
	Tribromodiphenylether	ND
	Tetrabromodiphenylether	ND
	Pentabromodiphenylether	ND
	Hexabromodiphenylether	ND
	Heptabromodiphenylether	ND
	Octabromodiphenylether	ND
	Nonabromodiphenylether	ND
	Decabromodiphenyl ether	ND
	Sum of PBDE's	< 2.5
	RoHS Limit, Sum of PBDE's	1000
Limit of Detection : PBB's & PBDE's – 0.25 mg/kg Each Abbreviation : "mg/kg" denotes milligram per kilogram, "ND" denotes not detected		



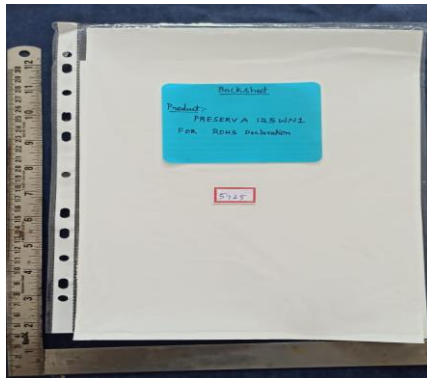
3. Phthalates: Sample-001

Sl.no	Test / Parameter	Unit	Limit	Results	Test Method
1	Dibutyl Phthalate(DBP)	mg/kg	1000	ND	IEC 62321-8:2017, GC-MS
2	Benzyl Butyl Phthalate(BBP)		1000	ND	IEC 62321-8:2017, GC-MS
3	Diethyl Hexyl Phthalate(DEHP)		1000	ND	IEC 62321-8:2017, GC-MS
4	Di Iso Butyl Phthalate(DiBP)		1000	ND	IEC 62321-8:2017, GC-MS

Note:
 Detection Limit for Phthalates :1mg/kgGC-MS Denotes Gas chromatograph Mass spectrometer
 'ND'- Denotes 'not detected' "mg/kg" Denotes milligram per kilogram

Remarks: The sample tested above has been verified to comply with the requirements of employed directive 2011/65/EU, RoHS2, including Phthalates as per EU/2015/863.

Test item Photograph:



---- End of Test Report ----