

Test Report

No.: EDG2503050128C00401R

Date: Mar. 26, 2025

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Applicant : EcoFlow Inc.

Address : RM 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, P.R.China

Sample Name : EcoFlow STREAM Microinverter, EcoFlow STREAM Microinverter, EcoFlow STREAM Microinverter, EcoFlow STREAM Pro, EcoFlow STREAM Pro, EcoFlow STREAM Pro, EcoFlow STREAM Ultra, EcoFlow STREAM Ultra, EcoFlow STREAM Ultra, EcoFlow STREAM AC Pro, EcoFlow STREAM AC Pro, EcoFlow STREAM AC Pro, Ecoflow Stream MAX, Ecoflow Stream AC

Style/Item No. : EF-PS-600, EF-PS-800, EF-PS-1000, EF-EA-HD-P2K-600, EF-EA-HD-P2K-800, EF-EA-HD-P2K-1200, EF-EA-HD-U2K-600, EF-EA-HD-U2K-800, EF-EA-HD-U2K-1200, EF-EA-AC-P2K-600, EF-EA-AC-P2K-800, EF-EA-AC-P2K-1200, EF-EA-HD-M2K-800, EF-EA-AC-2K-800

Received Date : Mar. 05, 2025

Test Period : Mar. 05, 2025 ~ Mar. 26, 2025

Test Requested : As requested by the client, according to the Part A in Annex I of the Regulation (EU) 2019/1021 on persistent organic pollutants (POPs), to determine the Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs) content in the submitted sample.

Test Results : Please refer to next page (s).

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Executive Summary:

STANDARD

The Part A in Annex I of the Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) – Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs) content

CONCLUSION

PASS



Signed for and on behalf of
EMTEK(Dongguan) Co., Ltd.

Prepared by:

Polly

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Reviewed by:

Cindy

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Approved by:

Lisa
EMTEK(DONGGUAN) CO.,LTD.
TESTING

Li Wei, Lisa
Authorized signatory
Mar. 26, 2025

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Test Results:

Test Method: To refer to the EN ISO 18219-1:2021, the analysis was performed by GC-NCI-MS.

Test Item	Test Result (%)			MDL (%)	Limit (%)
	1+2+3	4+5+6	7+8		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	9+10+11	12+13+14	15+16		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	17+18	19	20+21+22		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	23+24+25	26+27+28	29+30+31		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	32+33+34	35+36+37	38+39		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	40	41+42+43	44+45+46		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

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Test Results:

Test Item	Test Result (%)			MDL (%)	Limit (%)
	47+48+49	50+51+52	53+54+55		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	56+57+58	59+60+61	62+63+64		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	65+66+67	68+69+70	71+72+73		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	74+75+76	77+78+79	80+81+82		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	83+84	85+86	87		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

Test Item	Test Result (%)			MDL (%)	Limit (%)
	88	89+90+91	92+93		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	ND	0.0050	0.15

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Test Results:

Test Item	Test Result (%)		MDL (%)	Limit (%)
	94+95	96+97		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	0.0050	0.15

Note: ND = Not Detected (less than MDL) MDL = Method Detection Limit 0.1%=1000mg/kg=1000ppm

Tested Materials:

No.	Description
1	Black hard plastic (plug of car charger wire)
2	Blue hard plastic (knob of circle plug of power cord)
3	Black hard plastic (hook of Velcro)
4	Green hard plastic (socket)
5	Black hard plastic (switch)
6	Black hard plastic (power cord socket of shell)
7	Black hard plastic (car charger socket of shell)
8	Black hard plastic (shell)
9	Transparent soft plastic (sealing ring of plug of car charger wire)
10	Black soft plastic (car charger wire)
11	Black soft plastic (power cord)
12	Black soft plastic (circle plug of power cord)
13	Black soft plastic (big plug of power cord)
14	Grey soft plastic (dust cover)
15	Black soft plastic (dust cover)
16	Black soft plastic (dust cover of back)
17	Black soft plastic with glue (foot pad)
18	Black soft plastic (dust cover of bottom)

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No.	Description
19	Black brushed tricot (loop of velcro)
20	Transparent hard plastic (frame, inner)
21	Black transparent hard plastic (frame, inner)
22	White hard plastic (screw, inner)
23	Transparent hard plastic (button, inner)
24	Red hard plastic (rubber of wire, inner)
25	Blue hard plastic (buckle of socket, inner)
26	Blue hard plastic (rubber of electronic wire, inner)
27	Pink hard plastic (buckle of wire, inner)
28	White hard plastic (terminal of wire, inner)
29	Black hard plastic (shell of capacitor of PCB board, inner)
30	Green hard plastic (terminal of PCB board, inner)
31	Green hard plastic (bottom of capacitor of big PCB board, inner)
32	Yellow hard plastic (bottom of capacitor of big PCB board, inner)
33	Grey hard plastic (shell of capacitor of PCB board, inner)
34	Dark blue hard plastic (shell of capacitor of PCB board, inner)
35	Apricot hard plastic (terminal of PCB board, inner)
36	Black hard plastic (terminal of PCB board, inner)
37	Brown hard plastic (shell of fuse of PCB board, inner)
38	Black hard plastic (bottom of fuse of PCB board, inner)
39	Cyan hard plastic (layer of transformer of PCB board, inner)
40	Yellow hard plastic (LED of PCB board, inner)
41	Red soft plastic (sealing ring, inner)
42	White soft plastic (card slot, inner)
43	White soft plastic (sealing ring of cover, inner)
44	Black soft plastic (big rubber, inner)
45	Black soft plastic (sealing ring, inner)

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No.	Description
46	Black soft plastic (sealing ring of socket, inner)
47	Blue soft plastic (rubber of car charger wire, inner)
48	White soft plastic (rubber of wire, inner)
49	White soft plastic (rubber of car charger wire, inner)
50	Blue soft plastic (electronic wire of power cord, inner)
51	Brown soft plastic (electronic wire of power cord, inner)
52	Green / yellow soft plastic (electronic wire of power cord, inner)
53	Black soft plastic (thin electronic wire, inner)
54	Black soft plastic (rubber of electronic wire, inner)
55	Red soft plastic (thin electronic wire, inner)
56	Blue soft plastic (electronic wire of socket, inner)
57	Brown soft plastic (electronic wire of socket, inner)
58	Green / yellow soft plastic (electronic wire of socket, inner)
59	Blue soft plastic (thin electronic wire, inner)
60	Orange soft plastic (thin electronic wire, inner)
61	Grey soft plastic (thin electronic wire, inner)
62	Purple soft plastic (thin electronic wire, inner)
63	Red soft plastic (thin electronic wire, inner)
64	Black soft plastic (thin electronic wire, inner)
65	White soft plastic (thin electronic wire, inner)
66	Green soft plastic (thin electronic wire, inner)
67	Brown soft plastic (thin electronic wire, inner)
68	Yellow soft plastic (thin electronic wire, inner)
69	Bright black soft plastic (thin electronic wire, inner)
70	Orange soft plastic (rubber of bracket, inner)
71	Black soft plastic (electronic wire of flat cable, inner)
72	Blue soft plastic (electronic wire of flat cable, inner)

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No.	Description
73	Red soft plastic (electronic wire of flat cable, inner)
74	Transparent soft plastic (wire of capacitor of PCB board, inner)
75	Black soft plastic (rubber of capacitor, inner)
76	Black soft plastic (rubber of bottom of capacitor, inner)
77	Yellow transparent plastic film with glue (adhesive tape of transformer of PCB board, inner)
78	Dark yellow plastic film with glue (adhesive tape of transformer of PCB board, inner)
79	Brown plastic film with off white printing (jacket of capacitor of PCB board, inner)
80	Black soft plastic with off white printing (jacket of capacitor of PCB board, inner)
81	Blue soft plastic with off white printing (jacket of capacitor of PCB board, inner)
82	Orange plastic film (sticker of transformer of PCB board, inner)
83	Transparent plastic film with black printing (sticker of transformer of PCB board, inner)
84	Brown plastic film (flat cable, inner)
85	Black plastic film with glue (adhesive tape, inner)
86	Brown plastic film with glue (adhesive tape, inner)
87	Black foam with glue (foam, inner)
88	Black fabric with glue (rubber of wire, inner)
89	Green glue (glue, inner)
90	Grey glue (glue, inner)
91	Black glue (glue of PCB board, inner)
92	Black glue (glue of capacitor of PCB board, inner)
93	White glue (glue of PCB board, inner)
94	Black PCB (small PCB board, inner)
95	Green PCB (small PCB board, inner)
96	Green PCB (long PCB board, inner)
97	Green PCB (big PCB board, inner)

Remark: As specified by the client, the samples were subjected to mixed testing.

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Sample Photo



*** End of Report ***

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