

Hazardous Substance Test Report List

保管單位 Storage	GPM
保存年限 Retention Period	產品停產後十年

Division : Green Product Management Division

Completed by : Vivian.Jhu

E-mail : gpm-service@innolux.com

Date : 2018/05/16

Product Name	G156HCE-L01	Unit Weight	0.51 kg
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No.	Part Name	Material Name	Cadmium Result (ppm)	Lead Result (ppm)	Mercury Result (ppm)	Hexavalent chromium Result (ppm)	PBBs Result (ppm)	PBDEs Result (ppm)	DEHP Result (ppm)	BBP Result (ppm)	DBP Result (ppm)	DIBP Result (ppm)	Analysis Report No. (1 or more)	Exemption	Remark
1	Glass	Glass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/50870		
2	Polarizer-CF	Polarizer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ECL01J01094300201E		
3	Polarizer-TFT	Polarizer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ECL01J01407500401E		
4	LN	LN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/B2226		
5	LH	LH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/B2227		
6	DD	DD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/B5369		
7	DU	DU	--	--	--	--	--	--	--	--	--	--	SHAEC1625700802		
8	RN	RN_C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/C0029		
9	RN	Acrylic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2016/12208B		
10	RN	RN_R	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/C0029		
11	PMMA	PMMA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/25924		
12	Protect Film	LDPE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ECL03J001595001C		
13	Label	Coated Paper	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1721520901		
14	Label	Adhesive	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1700184202		
15	FFC	membrane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1713141002		
16	FFC	Printer Ribbon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1720724204		
17	FFC	Supporting	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1713141005		
18	FFC	Tape	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1707785701		
19	FFC	Copper	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	CANML1800969002		
20	FFC	Gold Plating	ND	ND	ND	ND	ND	ND	--	--	--	--	CANEC1724829801		
21	LED	Bonding wire	ND	ND	ND	ND	ND	ND	--	--	--	--	CE/2017/85981		
22	LED	Lead frame (Nickel plating)	ND	ND	ND	ND	ND	ND	--	--	--	--	CE/2017/85954		
23	LED	Molding material	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/12641 CE/2018/12646		
24	LED	Package	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/54818 CE/2017/54822		
25	LED	lead frame(Silver plating)	ND	ND	ND	ND	ND	ND	--	--	--	--	CE/2017/85990		
26	LED	LED die	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/86004 CE/2017/86009		
27	LED	Lead frame(Base metal)	ND	ND	ND	ND	ND	ND	--	--	--	--	CE/2017/85994		
28	LED	Molding resin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/86095 CE/2017/86099		
29	LED	Phosphor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/86036 CE/2017/86041		
30	MCPCB	OSP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10435869(3)		
31	MCPCB	Word Ink	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/72539		
32	MCPCB	Plugging(solder mask)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/22238		
33	MCPCB	Aluminium	ND	4.87	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/53515		
34	Conn	BRASS	ND	17.2	ND	ND	--	--	--	--	--	--	CE/2017/C5727		
35	Conn	LCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/84799 CE/2017/84800		
36	Conn	PHOSPHOP BRONZE	ND	18.8	ND	ND	--	--	--	--	--	--	CE/2017/C5723		
37	Solder	Solder	ND	174	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1719989501		
38	PC	PC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2018/10519		
39	Spacer	Acrylic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1713988701		
40	Spacer	TAPE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANML1718263101		
41	Label	Label	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/15887		
42	Driver IC	Au Bump	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/10027		
43	Driver IC	Wafer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/71875		
44	Tuffy	TUFFY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	JP/2017/121583 JP/2017/121584		
45	IC-Tcon	Lead-frame	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/80839		
46	IC-Tcon	Mold Resin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/80484		
47	IC-Tcon	Outer Lead Plating	ND	9.84	ND	ND	ND	ND	ND	ND	ND	ND	KA/2018/40982		
48	IC-Tcon	Die Attach Adhesive	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/10389		
49	IC-Tcon	Die1&Die2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/C4408C		
50	IC-Tcon	Bonding Wire.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/22888B		
51	IC	Leadframe	ND	23.9	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/20689		
52	IC	Die attach paste	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/85740C		

53	IC	Bond Wire	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/30204		
54	IC	DIE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ECL01J082205001		
55	IC	Molding Compound	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1701624003		
56	IC	Plating	ND	28	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1722797901		
57	PWM	Bonding Wire	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/11686		
58	PWM	Chip	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/11685		
59	PWM	Solder Plating	ND	15.4	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/11677B		
60	PWM	Lead Frame	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/11674A		
61	PWM	Mold Compound	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/11684		
62	PWM	Silver Paste	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/85740A		
63	Tr	Mold compound	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/16977		
64	Tr	Leadframe-Base material	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/20379		
65	Tr	Leadframe-surface treatment	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/33727		
66	Tr	External plating	ND	436	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17021		
67	Tr	Die	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17008		
68	Tr	Bonding wire	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/16986		
69	MOS	Bonding wire	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/16986		
70	MOS	Die	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/31320		
71	MOS	External plating	ND	8.02	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/25925		
72	MOS	LeadFrame-Base material	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/33726		
73	MOS	Leadframe-surface treatment	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/33727		
74	MOS	Mold compound	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/16977		
75	Diode	Jump(Clip)	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	CE/2015/A3393A		
76	Diode	Lead Frame	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/81459		
77	Diode	Lead Free Plating	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/81457		
78	Diode	dice	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/44887		
79	Diode	high temp solder paste	ND	927000	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/20166A	RoHS - EU - Annex 7(a)	
80	Diode	molding compound	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2015/71015		
81	PCB_OE	Electroless Nickel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/B1901		
82	PCB_OE	IMMERSION GOLD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/B1902		
83	PCB_OE	Plugging(solder mask)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/22201		
84	PCB_OE	Prepreg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17353		
85	PCB_OE	Copper Clad Laminte	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17401		
86	PCB_OE	Word Ink	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/A0919		
87	PCB_OE	Cu Plating	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/25129		
88	PCB_OE	Copper Foil	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2018/31641		
89	Res-SMD	Conductor Layer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	TWNC00642571		
90	Res-SMD	End Terminal	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	TWNC00642573		
91	Res-SMD	Over Coating	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	TWNC00642572		
92	Res-SMD	Ceramic Substrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/20195		
93	Res-SMD	Marking	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/72538		
94	Res-SMD	Ni Plating	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/A1766		
95	Res-SMD	Resistive Element	ND	250000	ND	ND	ND	ND	ND	ND	ND	ND	TWNC00642570	RoHS - EU - Annex 7(c)-I	
96	Res-SMD	Sn Plating	ND	12.1	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/95455		
97	MLCC	Plating1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/66648 CE/2017/66650		
98	MLCC	Plating2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/66652 CE/2017/66654		
99	MLCC	Outer electrode	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17444 CE/2018/17447		
100	MLCC	Ceramic element	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17510 CE/2018/17513		
101	MLCC	Inner electrode	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/17452 CE/2018/17455		
102	IND	CORE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1800619903		
103	IND	INK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1800619901		
104	IND	Terminal	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	A2170057162101001		
105	IND	WIRE-COATING	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/40389		
106	IND	WIRE (COPPER WIRE)	ND	ND	ND	ND	--	--	--	--	--	--	CE/2018/40393		
107	Conn-FFC/FPC	BRASS	ND	17.2	ND	ND	--	--	--	--	--	--	CE/2017/C5727		
108	Conn-FFC/FPC	LCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/84799 CE/2017/84800		
109	Conn-FFC/FPC	PHOSPHOP BRONZE	ND	18.8	ND	ND	--	--	--	--	--	--	CE/2017/C5723		
110	Conn-LVDS	Contact	ND	11.4	ND	ND	--	--	--	--	--	--	CE/2017/C3496		
111	Conn-LVDS	Contact plating	ND	ND	ND	ND	--	--	--	--	--	--	CE/2017/C3504		
112	Conn-LVDS	Housing	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/20640		
113	Conn-LVDS	Shell	ND	11.7	ND	ND	--	--	--	--	--	--	CE/2017/C3495		
114	Conn-LVDS	Shell plating	ND	ND	ND	ND	--	--	--	--	--	--	CE/2017/C3499		
115	Fuse-C	Ceramic Body	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAMLP1800478901		
116	Fuse-C	Fuse Link	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAMLP1800462501		
117	Fuse-C	Nickel Layer	ND	ND	ND	ND	--	--	--	--	--	--	SHAMLP1724787101		

118	Fuse-C	Silver Layer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAMLP1800454801		
119	Fuse-C	Tin Layer	ND	24	ND	ND	--	--	--	--	--	--	SHAMLP1801407701		
120	Solder	solder paste	ND	280	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1802671601		
121	Bezel	MYLAR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/C2320		
122	Bezel	Mylar	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SHAEC1721413302		
123	Bezel	SGLC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/81090		
124	Bezel	Ink	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	A2180024609101001C		
125	Protect Film	Protect Film	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	EDC7FEIA33283704		
126	Masking Tape	TAPE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/C2320		
127	Masking Tape	PET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/14367		
128	PET Belt	Acrylic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CANEC1709099001		
129	PET Belt	Adhesive	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	KA/2017/C2320		
130	PET Belt	PET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/14367		
131	Screw	Iron	ND	ND	ND	ND	ND	ND	--	--	--	--	SHAMLP1712492801		
132	Screw	Nylok	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2017/B4493		
133	Screw	Nickel Plating	ND	ND	ND	ND	ND	ND	--	--	--	--	SCL01J016978001		
134	Label	PP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/21214		
135	Label	Adhesive	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CE/2018/21186		
136	Label	Ink	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ECL01K009191002E		

- Notes:
1. ND = Not Detected (< Method Detection Limit)
 2. The items can be added in accordance with the customer's or BU's requirement(s).

Title/Position:Green Product Management Representative

Approval : *Andy Kuo*

This is a summary report consolidating data from hazardous substance tests done for the Product named above. The information in this summary report is confidential

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End of Report