

Test Report

Report No. ECL01H067689002

Page 1 of 5

Applicant SHANGHAI SEEFULL ELECTRONIC CO., LTD
LITE-ON SEMICONDUCTOR CORP.

Address 6 ZHENYE RD. DONGJING INDUSTRIAL AREA SONGJIANG DISTRICT,
SHANGHAI, CHINA
9F,NO.233-2 PAO-CHIAO ROAD, HSIN-TIEN DISTRICT, NEW TAIPEI CITY 23145,
TAIWAN, R.O.C

Sample Received Date Jan. 4, 2016
Testing Period Jan. 4, 2016 to Jan. 8, 2016

Test Requested As specified by client, to test Polycyclic Aromatic Hydrocarbons (PAHs) ,
Perfluorooctanoic Acid (PFOA), Perfluorooctane Sulfonates(PFOS) in the
submitted sample(s).

Test Method

Tested Item(s)	Test Method	Measured Equipment(s)
Polycyclic Aromatic Hydrocarbons (PAHs)	ZEK 01.4-08	GC-MS
Perfluorooctanoic Acid (PFOA)	Refer to US EPA 3550C:2007 & US EPA 8321B:2007	LC-MS-MS
Perfluorooctane Sulfonates (PFOS)	Refer to US EPA 3550C:2007 & US EPA 8321B:2007	LC-MS-MS

Test Result(s) Please refer to the following page(s).



Su Hongwei

Su Hongwei

Su Hongwei

Senior Laboratory Manager

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

Reviewed by

Gou Cui li

Date

Jan.8,2016

No. R153068532

No.1996,Xinjinjiao Road, Pudong New District,Shanghai,China

Test Report

Report No. ECL01H067689002

Page 2 of 5

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

No.	Sample Name	The sample description
1	AXIAL DIODE: GREEN MOLDING	MIXED ALL PARTS OF BODY
2	COMPOUND	SILVER COLORED METAL PIN

Part No. DO-41_HF PACKAGE FAMILY (SD09AXXXE_HF,P4KEXXA_HF,P4KEXXA_HF, 1N5819_HF,SB1XX_HF,SB1100_HF,UF10XX_HF,UF15XXS_HF,UG10XX,SF10XG_HF, MUR1XX_HF,1N49XX_HF,PR10XX_HF,PR15XXS_HF,1N49XXG_HF,PR10XXG_HF, PR10XXR_HF,PR15XXGS_HF,1N40XX_HF,1N40XXT_HF,1N53XXS_HF,1N40XXG_HF ETC) DO-15_HF PACKAGE FAMILY (SD1A240GW_HF,SAXXA_HF,SAXXA_HF, P6KEXXA_HF,P6KEXXA_HF,SB2XX_HF,SB2100_HF,UF15XX_HF,UF20XX_HF, UG20XX_HF,SF20XG_HF,PR15XX_HF,PR20XX_HF,PR15XXG_HF,PR20XXG_HF, 1N53XX_HF,LT15XX_HF,LT2AXX_HF,LT15XXG_HF,LT15XXG_HF ETC) R6_HF PACKAGE FAMILY (3KPXX_H F, 3KPXXA_HF, 3KPXXX_HF, 3KPXXXA_HF, 5KPXX_HF, 5KPXXA_HF, 5KPXXX_HF, 15KPXX_HF, 15KPXXA_HF, 15KPXXX_HF, PR60XX_HF, LT6AXX_HF, LT10AXX_HF , SL1515E_HF, 15SQ045_HF,ETC) DO-201_HF PACKAGE FAMILY (1.5KEXXA_HF, 1.5KEXXA_HF, UG5402_HF ECT) DO-201AD_HF PACKAGE FAMILY (1N5822_HF,SB3XX_HF,SB3100_HF, SB5XX_HF,SB5XXX_HF,SB8XX_HF,UF30XX_HF,UG30XX_HF,SF3XXG_HF,SF40XG_HF, SF50XG_HF,PR30XX_HF,PR30XXG_HF,1N54XX_HF,1N54XXG_HF ETC) T1_HF PACKAGE FAMILY (SD09AXXXD_HF, SDXG_HF, UDXG_HF, DXG_HF, ETC) R6 PACKAGE FAMILY (3KPXX,3KPXXA,3KPXXX,3KPXXXA, 5KPXX,5KPXXA,5KPXXX,15KPXXA,15KPXX,15KPXXX,PR6XXX,LT6A0X,LT10A0X , SL1515E,15SQ045,15MQ045,20SQ045, ETC) DO-201AD PACKAGE FAMILY (1N5822, SB3XX, SB3100, SB5XX, SB5XXX, SB8XX, UF30XX, UG30XX, SF3XXG, SF40XG, SF50XG, PR30XX, PR30XXG, 1N54XX, 1N54XXG,S48C10100, ETC) DO-201 PACKAGE FAMILY (1.5KEXXA, 1.5KEXXA, UG 5402 ETC) T1 PACKAGE FAMILY (SD09AXXXD, SDXG, UDXG, DXG, ETC)

Test Report

Report No. ECL01H067689002

Page 3 of 5

Test Result(s)

Tested Item(s)	Result(Unit: mg/kg)		MDL
	1	2	
Perfluorooctanoic Acid (PFOA)	N.D.	N.D.	5mg/kg
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	5mg/kg

Tested Item(s)	Result(Unit: mg/kg)	MDL
	1	
Polycyclic Aromatic Hydrocarbons(PAHs)		
Naphthalene	N.D.	0.2mg/kg
Acenaphthylene	N.D.	0.2mg/kg
Acenaphthene	N.D.	0.2mg/kg
Fluorene	N.D.	0.2mg/kg
Phenanthrene	N.D.	0.2mg/kg
Anthracene	N.D.	0.2mg/kg
Fluoranthene	N.D.	0.2mg/kg
Pyrene	N.D.	0.2mg/kg
Chrysene	N.D.	0.2mg/kg
Benzo[a]anthracene	N.D.	0.2mg/kg
Benzo[b]fluoranthene	N.D.	0.2mg/kg
Benzo[k]fluoranthene	N.D.	0.2mg/kg
Benzo[j]fluoranthene	N.D.	0.2mg/kg
Benzo[a]pyrene	N.D.	0.2mg/kg
Benzo[e]pyrene	N.D.	0.2mg/kg
Indenol[1,2,3-cd]pyrene	N.D.	0.2mg/kg
Dibenz[a,h]anthracene	N.D.	0.2mg/kg
Benzo[g,h,i]perylene	N.D.	0.2mg/kg

Test Report

Report No. ECL01H067689002

Page 4 of 5

Tested Sample/Part Description

1. Black body (Tested as a whole)
2. Silvery metal pin

Note: -MDL= Method Detection Limit

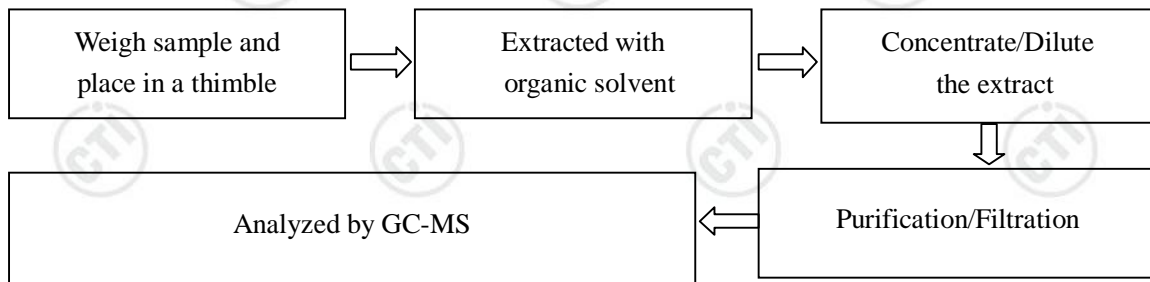
-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

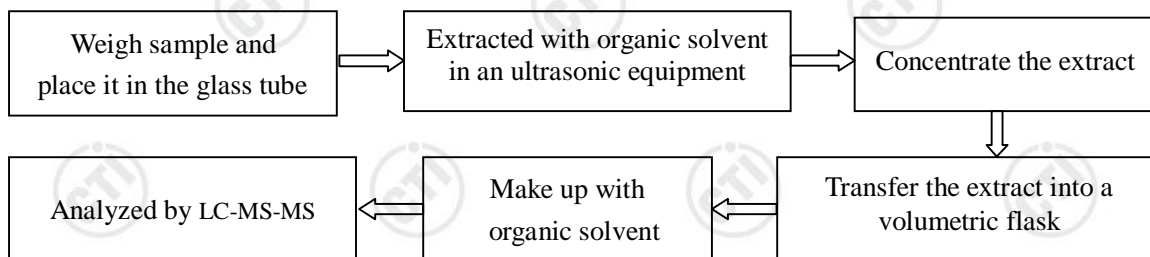
The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

Test Process

1. Polycyclic Aromatic Hydrocarbons(PAHs)



2. Perfluorooctanoic Acid (PFOA), Perfluorooctane Sulfonates(PFOS)



Test Report

Report No. ECL01H067689002

Page 5 of 5

Photo(s) of the sample(s)



*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.