

# Test Report

Report No. ECL01I000499002

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**Applicant** LITE-ON MICROELECTRONICS (WUXI) CO., LTD.  
LITE-ON SEMICONDUCTOR CORP.

**Address** LAND LOT J7、J8WEPZ, NEW DISTRICT, WUXI CITY, JIANGSU, CHINA  
9F,NO.233-2 PAO-CHIAO ROAD, HSIN-TIEN DISTRICT, NEW TAIPEI CITY 23145,  
TAIWAN, R.O.C

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	ABS: GREEN	MIXED ALL PARTS OF BODY
2	MOLDING COMPOUND	SILVER COLORED METAL PIN

Part No. ABS PACKAGE FAMILY (ABSXX)

Sample Received Date Jan. 5, 2016

Testing Period Jan. 5, 2016 to Jan. 9, 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).

Tested by

*Q. Zhang*

Reviewed by

*Hu Hongwei*

Approved by

*Hongwei*

Date

Jan. 9, 2016



Su Hongwei  
Senior Laboratory Manager

No. R153063178

Centre Testing International Pinbiao(Shanghai) Co., Ltd. No.1996,Xinjinqiao Road, Pudong New District, Shanghai, China

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## 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	
<b>Polycyclic Aromatic Hydrocarbons(PAHs)</b>		
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

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## Tested Sample/Part Description

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

**Note:** -MDL= Method Detection Limit

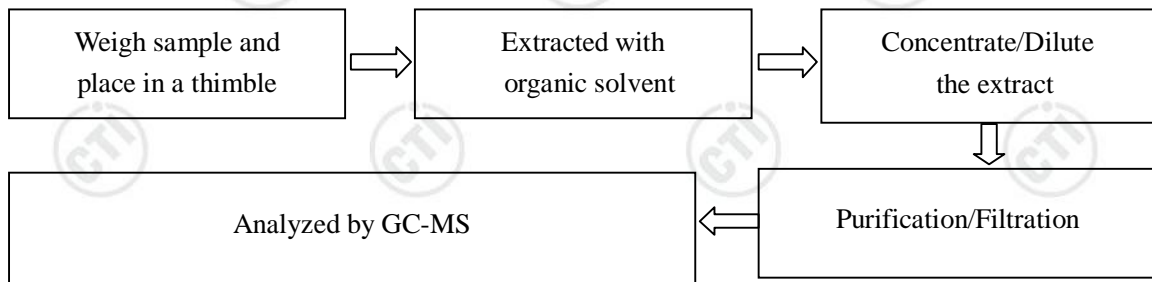
-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

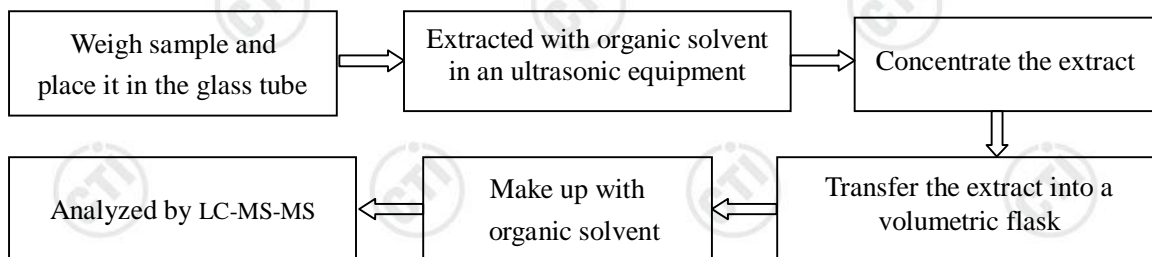
The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

## Test Process

### 1. Polycyclic Aromatic Hydrocarbons(PAHs)



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

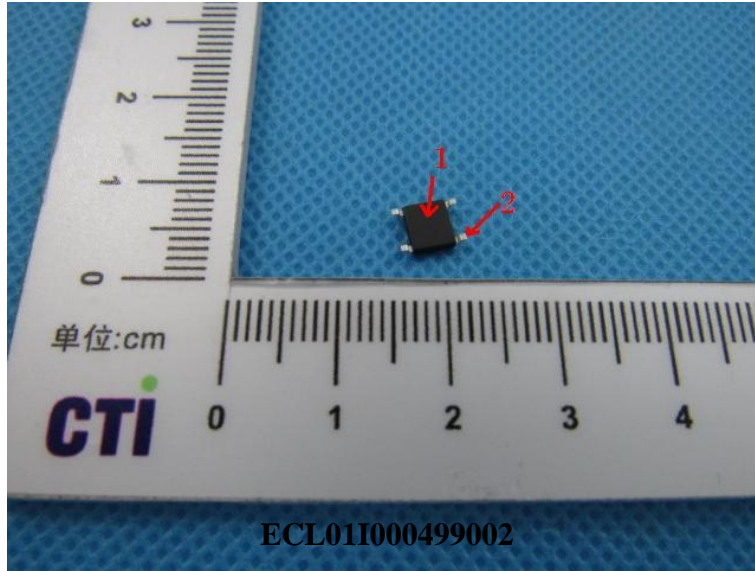


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## Photo(s) of the sample(s)



\*\*\* End of Report \*\*\*

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