宜特科技股份有限公司
Integrated Service Technology

300 新竹市埔頂路 18 號 5 樓
5F, No.18, Pu-Ding Rd., Hsinchu, Taiwan
Tel: 886-3-5782266
Fax: 886-3-5634868

Report No. ：QA9400403
Report Date：2005/07/28

Test Report

The following merchandise were submitted and identified by the client as following as below:

Customer：Prolight Opto Technology Corporation
Address：No.10-1, Kung-Yeh 10th Rd., Ping Chen Industrial Zone, Ping Chen, 324, Taoyuan Hsien, Taiwan, R.O.C.
Product No.：No.1
Product Name：sum of (1w Power LED Emitter,3w RGB Power LED Emitter,
5w RGGB Power LED Emitter,3w RGB Minitype Power LED) total mix
Item/Part No.：sum of (PG1N-1LXE,PG1N-3LFE,PL6N-5L4E,PM6N-3FFE)
Sample Description：sum of (1w Power LED Emitter,3w RGB Power LED Emitter,
5w RGGB Power LED Emitter,3w RGB Minitype Power LED) total mix

Receiving Date：2005/07/22
Measurement Date: 2005/07/25~2005/07/28
Measurement Flowchart attaches to after.

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Test Result : - next page -

Remark：
1. Any product information listed in this document is provided by clients. ISTi only provides test service.
2. Test result of this document cannot be reproduced in any way, except in full text.
3. This repot refers only to the specimen submitted to testing and be invalid if separately used.
4. This report is invalid without examination stamp and signature of this institute.

Name of Analysis Institution	Report Review On behalf of Integrated Service Technology	Laboratory Representative On behalf of Integrated Service Technology

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Test Report

Test Item	Sample Pretreatment Method	Totally Dissolved	Analtical Method	MDL Unit：ppm (mg/L)	Data Unit：ppm (mg/kg)				
					N0.1				
Pb	Modified from SW-846 of US EPA 3052 Standard Operation Procedure of microwave assisted acid digestion (Document No.:TWI-0301)	YES	EN ISO11885:1998 （ICP -OES）	0.013	N.D.				
Cd	Modified from SW-846 of US EPA 3052 Standard Operation Procedure of microwave assisted acid digestion (Document No.:TWI-0301)	YES	EN ISO 11885:1998 （ICP -OES）	0.001	N.D.				
Hg	Modified from SW-846 of US EPA 3052 Standard Operation Procedure of microwave assisted acid digestion (Document No.:TWI-0301)	YES	EN ISO 11885:1998 （ICP -OES）	0.004	N.D.				
Cr^{6+}	US EPA 3060A	-	US EPA 7196A	0.01	N.D.				
PBBs	Modified by US EPA 3546	-	EPA 8000B (GC/MS)	5.0	N.D.				
PBDEs	Modified by US EPA 3546	-	EPA 8000B (GC/MS)	5.0	N.D.				

Note：(1)N.D. refers to Non-detected value.

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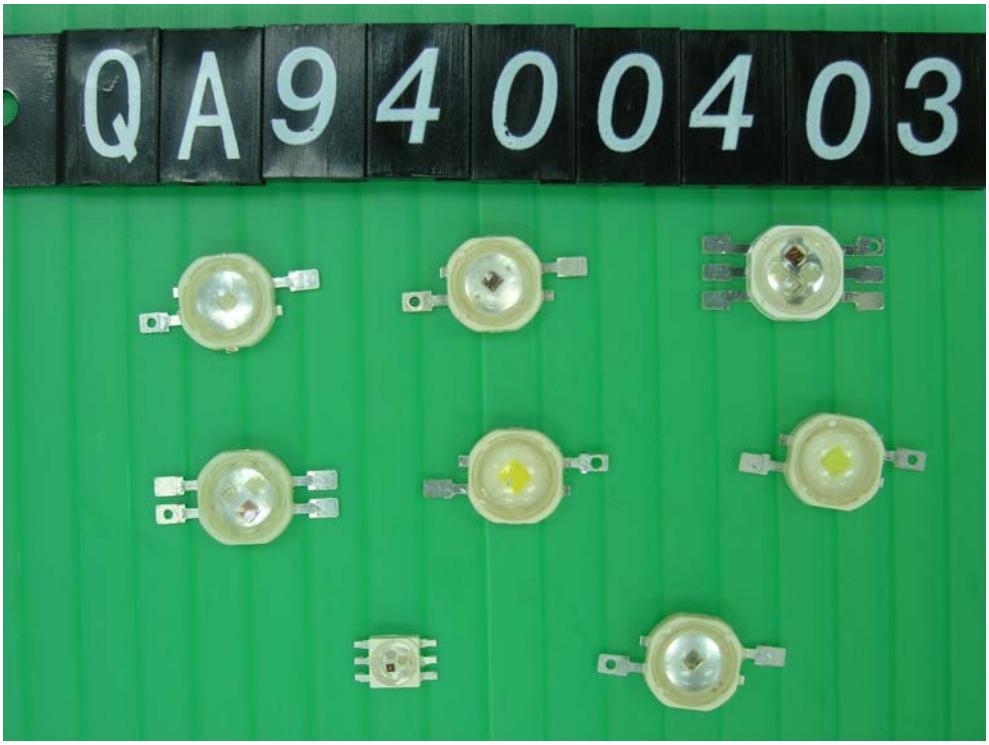

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Measurement Flowchart-US EPA 3052(Pb,Cd,Hg)

1.Weigh approximately of the test sample

2.Add hydrofluoric acid and f the nitric acid in a digestion vessel.

3.Cover the seal

4.Place the device and its contents in the microwave assisted acid digestion

5.Waiting for sample total decomposition.

6.Allow to cool to room temperature and dilute cautiously with water

7.Rinse the flask with water and decant quantitatively into one-mark volumetric flask.

8.Analyte by ICP-OES.

Measurement Flowchart-US EPA 3060A & 7196A(Cr^{6+})

1. Add digestion solution, $MgCl_2$ and Phosphate buffer to each sample.

2. Stir and heat the samples.

3. Gradually cool each solution to room temperature, ane filter throught membrane filter.

4. Add nitric acid solution.

5. Add diphenylcarbazide solution and sulfuric acid solution. Let stand 5~10 mins for full color development.

6.Measure its absorbance at 540nm.

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Measurement Flowchart - US EPA 3546

1.Add solvent to each sample.

2.Well mixed the sample.

3.Extract 30 mins in the microwave sample preparation platform system.

4.Allow to cool to room temperature.

5.Filter the extraction liquid and take it.

6.Analyze by GC-MS.