

**Test Report**

No. 2045486/EC

Date : Feb 24 2006

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MULTICOMP PRODUCTS MANUFACTURED BY  
QUALTEK ELECTRONICS LIMITED  
ROOM 1608-1613, PARK-IN COMMERICAL CENTRE,  
56 DUNDAS STREET,  
KOWLOON, HONGKONG

Report on the submitted sample said to be Plastic Fan Filter Assembly

SGS Job No. : 1931705  
Part Description : 09 Series  
Buyer : PREMIER FARNELL ASIA PTE. LTD.  
Supplier : QUALTEK ELECTRONICS LIMITED  
Sample Receiving Date : DEC 02 2005  
Testing Period : DEC 03 - 08 2005

Test Requested : With reference to RoHS Directive 2002/95/EC


- 1) To determine the Cadmium Content in the submitted sample.
- 2) To determine the Lead Content in the submitted sample.
- 3) To determine the Mercury Content in the submitted sample.
- 4) To determine the Hexavalent Chromium Content on the submitted sample.
- 5) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated diphenylethers) of the submitted sample.

Test Method : 1) With reference to BS EN 1122:2001, Method B, analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
2) With reference to EPA Method 3050B/ 3051/ 3052.  
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
3) With reference to EPA Method 3051/ 3052.  
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
4) With reference to EPA Method 3060A & 7196A.  
The samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.  
5) With reference to EPA Method 3540C/ 3550C. Analysis was performed by GC/MS or LC/ MS.

Test Results : 1-5) Please refer to next page.

Conclusion : When tested as specified, the submitted samples comply with the requirements of Commission Decision of 18 Aug 2005 amending Directive 2002/95/EC notified under document 2005/618/EC.

Signed for and on behalf of  
SGS Hong Kong Ltd

  
Ho Ka Ting, Family  
Laboratory Executive

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Test Results :

1-4)

Test Item	1	2	Detection Limit	Limit
Cadmium (Cd)	ND	ND	2 ppm	100 ppm
Lead (Pb)	ND	ND	2 ppm	1000 ppm
Mercury (Hg)	ND	ND	2 ppm	1000 ppm
Hexavalent Chromium (Cr <sup>6+</sup> )	ND	ND	2 ppm	1000 ppm

(Results shown are of the total weight of samples)

Note : ppm = mg/kg

ND = Not Detected

Not detected is reported when the reading is less than detection limit value

5)

Flame Retardants	1	2	Detection Limit	Limit
<b>Polybrominated Biphenyls (Mono – Deca)</b>	ND	ND	50 ppm	1000 ppm
Monobromobiphenyl	ND	ND	5 ppm	--
Dibromobiphenyl	ND	ND	5 ppm	--
Tribromobiphenyl	ND	ND	5 ppm	--
Tetrabromobiphenyl	ND	ND	5 ppm	--
Pentabromobiphenyl	ND	ND	5 ppm	--
Hexabromobiphenyl	ND	ND	5 ppm	--
Heptabromobiphenyl	ND	ND	5 ppm	--
Octabromobiphenyl	ND	ND	5 ppm	--
Nonabromobiphenyl	ND	ND	5 ppm	--
Decabromobiphenyl	ND	ND	5 ppm	--
<b>Polybrominated Diphenylethers (Mono – Nona)</b>	ND	ND	45 ppm	1000 ppm
Monobromodiphenyl ether	ND	ND	5 ppm	--
Dibromodiphenyl ether	ND	ND	5 ppm	--
Tribromodiphenyl ether	ND	ND	5 ppm	--
Tetrabromodiphenyl ether	ND	ND	5 ppm	--
Pentabromodiphenyl ether	ND	ND	5 ppm	--
Hexabromodiphenyl ether	ND	ND	5 ppm	--
Heptabromodiphenyl ether	ND	ND	5 ppm	--
Octabromodiphenyl ether	ND	ND	5 ppm	--
Nonabromodiphenyl ether	ND	ND	5 ppm	--
Decabromodiphenyl ether*	ND	ND	5 ppm	See remark

Note : ppm = mg/kg

ND = Not Detected

Not detected is reported when the reading is less than detection limit value.

Remark: \* Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.

### Sample Description :

1. Black Plastic (Case)
2. Grey Sponge (Filter)

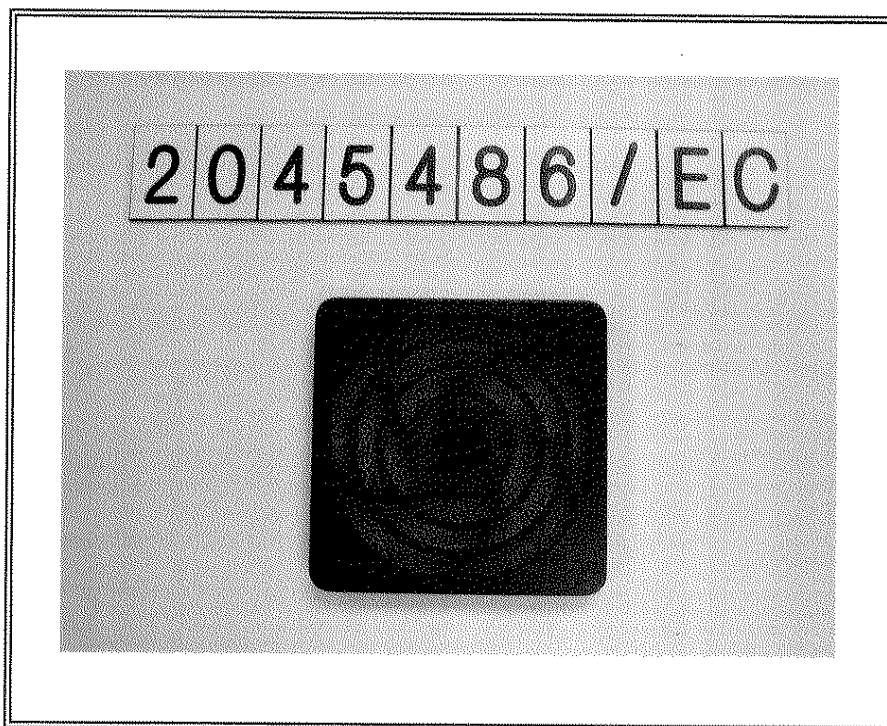
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**PHOTO APPENDIX**

SGS authenticate the photo on original report only

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

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