



Testing Laboratory in the field of Eco testing recognized by EUROFINS following the standard ISO/IEC 17025. The recognition covers the test methods listed in the Recognition Certificate.



## Test Report

**Customer** : Top Thermal Management Co., LTD.  
1204 Venture Tower 43-5, Sameun-ri,  
Jiksan-eup, Cheonan-SI, Chungcheongnam-  
do, Korea

**Customer No.** : CHFd080619

**Test report No.** : CH080619RCH0630E1

**Number of Samples** : 1

**Sample Description** : NANOTIM-PCM Series

**Tests Requested** : Pb, Hg, Cd, Cr(VI), PBBs, PBDEs

**Date of Delivery** : 2008. 06. 21

**Test Period** : 2008. 06. 24

**Test Place** : ■ ChonAn

■ ChonAn, 2008. 06. 25. : EKChoe

Dr. Choe, E.- K. / Lab. Manager

### Testing Laboratory

KITECH Products & Process Eco-Testing Center

Eco-Testing Lab.

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**Customer No.** : CHFd080619

**Samples Tested** : Description by Customer      Lab. Code No.  
NANOTIM-PCM Series      CHFd080619R2

**Tests Conducted** : Test Method      Procedure  
Pb, Cd, Hg      EPA 3052(M/W)      Digested, filtered and measured by ICP  
Cr(VI)      EPA 3060 A      Extracted, colored and measured by UV/VIS  
PBBs & PBDEs      IEC draft      Extracted(or dissolved), clean up and measured by GC/MS

Test Results: Lab. Code No.		DL*	CHFd080619R2
Lead (Pb)	mg/kg	3.0	47
Mercury (Hg)	mg/kg	0.2	ND
Cadmium (Cd)	mg/kg	0.6	ND
Chromium (VI)	mg/kg	0.1	ND

DL: Detection Limit, ND: Not detected

Test Results: Lab. Code No.		DL	CHFd080619R2
Total	mg/kg		ND
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	10	ND
Octabromobiphenyl	mg/kg	10	ND
Nonabromobiphenyl	mg/kg	10	ND
Decabromobiphenyl	mg/kg	10	ND

Test Results: Lab. Code No.		DL	CHFd080619R2
Total	mg/kg		ND
Monobromodiphenylether	mg/kg	5	ND
Dibromodiphenylether	mg/kg	5	ND
Tribromodiphenylether	mg/kg	5	ND
Tetrabromodiphenylether	mg/kg	5	ND
Pentabromodiphenylether	mg/kg	5	ND
Hexabromodiphenylether	mg/kg	5	ND
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Decabromodiphenylether	mg/kg	10	ND

DL: Detection Limit, ND: Not detected