

## TEST REPORT

Report No	: AL07060538	
Company Name	: Applied Innotech Pte Ltd	
Address	: 51 Bukit Batok Crescent #08-02 Unity Centre, Singapore 658077	Page 1 of 2
Our Reference	: -	Your Reference : -
Date Received	: 14-Jun-07	Date Reported : 18-Jun-07
Date Tested	: 14-Jun-07 to 18-Jun-07	
Sample Description	: One (1) ink sample was received with the following reference: Ainnotec M238 / M288 / M488 / M248T / TPC 460 Ink	

## RESULTS

Based on analysis, the following results were obtained:

Test Items	Result	Unit	Test Method	Equipment used	MDL
Cadmium & its compounds	< 1	ppm	EPA 3052	ICP-OES	1
Lead & its compounds	< 1	ppm	EPA 3052	ICP-OES	1
Hexavalent Chromium & its compounds	< 1	ppm	EPA 3060A	UV-VIS	1
Mercury & its compounds	< 1	ppm	EPA 3052	Mercury Analyzer	1

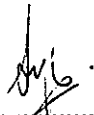
Note: (1) < = Less Than

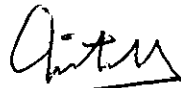
(2) All tested items are expressed in ppm, which equivalent to mg/kg

(3) Method reference:

- (i) Determination of Cadmium and Lead & its compounds with reference to EPA 3052, and measured by ICP-OES. Model: PE Optical 2100DV, Serial No:080N5030201.
- (ii) Determination of Hexavalent Chromium & its compounds with reference to EPA 3060A, and measured by UV-VIS. Model: PE Lambda 35, Serial No:101N4081001
- (iii) Determination of Mercury & its compounds with reference to EPA 3052, and measured by mercury analyzer. Model: PE FIMS 100, Serial No:101S5050403.
- (iv) Determination of PBBs & PBDEs with reference to EPA 3546 / 8270 and measured by GCMS. Model: Clarus 500 GCMS, Serial No: G50N5012606 (GC) and G51N4060302 (MS).

(4) Base on the Commission Decision of 13 Oct 2005, under 2005/717/EC, Decabromobiphenyl ether (Deca BDE) can be exempted from the requirements of Article 4 (1) of Directive 2002/95/EC.

  
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**Lye Pey Pey**  
 Chemist

  
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**William Pang**  
 Laboratory Manager



  
**ACCREDITED  
LABORATORY**  
**SAC-SINGLAS**  
 Cert No: LA-2005-0335-A

This report is issued subject to the "Term and Conditions" governing the issue of this report stated at overleaf.

**Amlab Services Pte Ltd**  
 Business Regn 200412916M

1 Kian Teck Drive (Level 2) Singapore 628818

Tel: (65) 6663 9826 (Mainline) / (65) 6663 9815, (65) 6663 9872 (Sales) Fax: (65) 6261 8875

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### RESULTS

Test Items	Result	Unit	Test Method	Equipment	MDL
Bromobiphenyl	< 1	ppm	US EPA 3546 (Microwave) US EPA 8270 (GCMS)	GCMS	1
Dibromobiphenyl	< 1				
Tribromobiphenyl	< 1				
Tetrabromobiphenyl	< 1				
Pentabromobiphenyl	< 1				
Hexabromobiphenyl	< 1				
Heptabromobiphenyl	< 1				
Octabromobiphenyl	< 1				
Nonabromobiphenyl	< 1				
Decabromobiphenyl	< 5				5
<b>Total PBBs (Polybrominated biphenyls) Sum of above</b>	< 5				-

Test Items	Result	Unit	Test Method	Equipment	MDL
Bromodiphenyl ether	< 1	ppm	US EPA 3546 (Microwave) US EPA 8270 (GCMS)	GCMS	1
Dibromodiphenyl ether	< 1				
Tribromodiphenyl ether	< 1				
Tetrabromodiphenyl ether	< 1				
Pentabromodiphenyl ether	< 1				
Hexabromodiphenyl ether	< 1				
Heptabromodiphenyl ether	< 1				
Octabromodiphenyl ether	< 1				
Nonabromodiphenyl ether	< 1				
Decabromodiphenyl ether	< 5				5
<b>Total PBBEs (PBDEs) (Polybrominated diphenyls) / Sum of above</b>	< 5				-
<b>Total of Mono to Nona-brominated biphenyl ether. ( Note 4 )</b>	< 1				-

-END-



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