

**SGS****Test Report No. F690501/LF-CTSA07-11961**Issued Date: **May 29, 2007**

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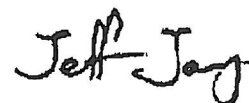
To: **LG CHEM,LTD.**  
#879, Daejuk-ri  
Daejeon-eup  
Seosan-city  
CHUNGNAM  
Korea

The following merchandise was submitted and identified by the client as :

**Product Name** : PP SEETEC H1500  
**SGS File No.** : AYA07-11961  
**Received Date** : May 17, 2007  
**Test Performing Date** : May 18, 2007  
**Test Performed** : SGS Testing Korea tested the sample(s) selected by applicant with following results  
**Test Results** : For further details, please refer to following page(s)

Pluto Kim  
Monet Jeong  
BINY Oh / Testin. Person

SGS Testing Korea Co. Ltd.



Jeff Jang / Chemical Lab Mgr

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**Test Report No.** F680501/LF-GTSAYA07-11851

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**Sample No.** : AYA07-11951.001

**Sample Description** : PP SEETEC H1500

**Item No./Part No.** : N/A

**Comments** : Material is polypropylene.

**Heavy Metals**

Test Items	Unit	Test Method	MDL	Results
Cadmium(Cd)	mg/kg	EN 1122(2001), US EPA 6010B(1996), ICP	0.5	N.D.
Lead (Pb)	mg/kg	US EPA 3050B(1996), US EPA 6010B(1996), ICP	5	N.D.
Mercury (Hg)	mg/kg	US EPA 3052(1996), US EPA 6010B(1996), ICP	2	N.D.
Hexavalent Chromium (Cr-VI)	mg/kg	US EPA 3050A(1996), US EPA 7196A(1992), UV	1	N.D.

**Flame Retardants-PBB/PBDEs**

Test Items	Unit	Test Method	MDL	Results
Monobromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tribromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Pentabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nonabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Monobromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tribromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Pentabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nonabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.

- NOTE: (1) N.D. = Not detected (<MDL)  
 (2) mg/kg = ppt  
 (3) MDL = Method Detection Limit  
 (4) - = No regulation  
 (5) \* = Qualitative analysis (No Unit)  
 (6) Negative = Indetectable / Positive = Detectable

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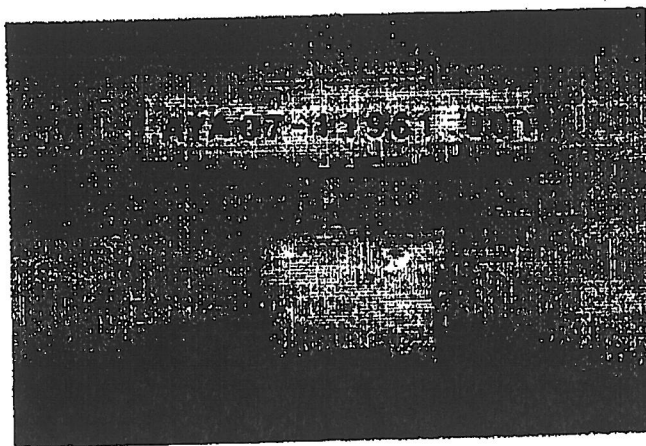
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Picture of Sample as Received:

Sample Color:

White



\*\*\* End \*\*\*

- NOTE: (1) N.D. = Not detected (<MDL)  
(2) mg/kg = ppm  
(3) MDL = Method Detection Limit  
(4) - = No regulation  
(5) \*\* = Qualitative analysis (No Unit)  
(6) Negative = Undetectable / Positive = Detectable

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