



CERTIFICATE OF ANALYSIS

To: DAUBERT CROMWELL

12701 S.Ridgeway Ave

Alsip, IL 60803

USA.

Attn : Chet Bidessi

Page No. : 1 of 4

Certificate No.: SP/05-06/ 0391

Date of Issue : 14 / 06 / 2005

Client's Sample Description : SILVER SAVER PAPER

Date Of Sample Received : 13 / 06 / 2005

Date Completed Analysis : 14 / 06 / 2005

Analysis parameter and Standard Method / Equipment / Technique description

| Parameter | Standard Method / Equipment / Technique Description |
|----------------------------|---|
| Cadmium | BS EN 1122 Method B: 2001 Plastic-Determination of Cadmium by wet decomposition method ICP-AES (Inductive Coupled Plasma-Atomic Emission Spectrometry) |
| Lead | USEPA Method 3052 Microwave assisted acid digestion of siliceous and organically based matrices USEPA Method 6010B-Inductive Coupled Plasma-Atomic Emission Spectrometry |
| Mercury | USEPA Method 3052 Microwave assisted acid digestion of siliceous and organically based matrices Cold Vapor technique-Flow Injection Mercury System (FIMS) |
| Chromium Hexavalent | USEPA Method 3060A-Alkaline digestion for Hexavalent Chromium USEPA Method 7196A - Colorimetric by UV/Vis Spectroscopy |
| PBBs | USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas Chromatography-Mass Spectrometry |
| PBDEs | USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas chromatography-Mass Spectrometry |

JOB NO.: SP06/0401



CERTIFICATE OF ANALYSIS

To : **DAUBERT CROMWELL**
12701 S.Ridgeway Ave
Alsip, IL 60803
USA

Attn : **Chet Bidessi**

Page No. : 2 of 4

Certificate No.: **SP /05-06/ 0391**

Date of Issue : **14 / 06 / 2005**

Client's Sample Description : **SILVER SAVER PAPER**

Date Of Sample Received : **13 / 06 / 2005**

Date Completed Analysis : **14 / 06 / 2005**

| Type of Analysis/Parameters/ Properties measured | Analysis Results | Preconditioning Method / Technique | Measurement Method / Equipment |
|---|---------------------|---------------------------------------|-----------------------------------|
| Cadmium (as Cd) ; mg/kg | ND(<0.5) | BS EN 1122 B: 2001 | ICP-AES |
| Lead (as Pb) ; mg/kg | ND(<1) | USEPA Method 3052 | USEPA Method 6010B |
| Mercury (as Hg) ; mg/kg | ND(<1) | USEPA Method 3052 | Cold vapor -FIMS |
| Chromium Hexavalent (as Cr ⁶⁺) ; mg/kg | ND(<1) | USEPA Method 3060A | USEPA Method 7196A |

Remark : Test portion was "Totally Dissolved" for Cadmium, Lead & Mercury test by using pre-conditioning method as mentioned above.

JOB NO.: **SP06/0401**



NM LABORATORY SDN. BHD. (563645-P)

80, LORONG PERDA SELATAN 1, BANDAR PERDA,
14000 BUKIT MERTAJAM, PULAU PINANG, MALAYSIA.

TEL: XXXXXXXX (HUNTING LINE) FAX: XXXXXXXX

Website: www.nmlab.com.my E-mail: enquiry@nmlab.com.my

LABORATORY TESTINGS AND ANALYSIS CONSULTANCY



CERTIFICATE OF ANALYSIS

To: **DAUBERT CROMWELL**
12701 S.Ridgeway Ave
Alsip, IL 60803
USA
Attn : **Chet Bidessi**

Page No. : 3 of 4

Certificate No.: **SP /05-06/ 0391**

Date of Issue : **14 / 06 / 2005**

Client's Sample Description : **SILVER SAVER PAPER**

Date Of Sample Received : **13 / 06 / 2005**

Date Completed Analysis : **14 / 06 / 2005**

Parameter Tested (as stated below) :
Polybrominated Biphenyls (PBBs)

| Chemical compound | Analysis Results | Preconditioning Method | Measurement Method |
|--------------------|------------------|------------------------|--------------------|
| Tribromobiphenyl | Not Detected | USEPA Method 3540C | GC/MS |
| Tetrabromobiphenyl | Not Detected | | |
| Pentabromobiphenyl | Not Detected | | |
| Hexabromobiphenyl | Not Detected | | |
| Heptabromobiphenyl | Not Detected | | |
| Octabromobiphenyl | Not Detected | | |
| Decabromobiphenyl | Not Detected | | |

Calibration Standard: **AccuStandard for PBB traceable to NIST.**

Method Detection limit is **5 ppm.**

JOB NO.: **SP06/0401**



CERTIFICATE OF ANALYSIS

To : **DAUBERT CROMWELL**
12701 S.Ridgeway Ave
Alsip, IL 60803
USA.

Attn : **Chet Bidessi**

Page No. : 4 of 4

Certificate No.: **SP /05-06/ 0391**

Date of Issue : **14 / 06 / 2005**

Client's Sample Description : **SILVER SAVER PAPER**

Date Of Sample Received : **13 / 06 / 2005**

Date Completed Analysis : **14 / 06 / 2005**

Parameter Tested :
Polybrominated Diphenyl Ethers (PBDEs)

| Chemical compound | Results | Preconditioning Method | Measurement Method |
|--------------------------|--------------|------------------------|--------------------|
| Tribromodiphenyl ether | Not Detected | USEPA Method 3540C | GC/MS |
| Tetrabromodiphenyl ether | Not Detected | | |
| Pentabromodiphenyl ether | Not Detected | | |
| Hexabromodiphenyl ether | Not Detected | | |
| Heptabromodiphenyl ether | Not Detected | | |
| Octabromodiphenyl ether | Not Detected | | |
| Decabromodiphenyl ether | Not Detected | | |

Calibration Standard: **AccuStandard for PBDE traceable to NIST.**

Method Detection Limit is **5 ppm.**

For **NM LABORATORY SDN. BHD.**

JOB NO.: **SP06/0401**

Certified By:

Test perform by : **Ms. Tan Hooi Cheng**

Yeap Cheo Mooi, B. Sc (Hons), AMIC
Chemist