

## Test Report

No. CANEC1909434221

Date: 30 May 2019

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WINDAY ELECTRONIC (DONG GUAN) CO.,LTD

LONG QUAN INDUSTRY XIN-JIU-WEI TERRITORY LIAO BU VILLAGE DONGGUAN CITY GUANGDONG  
523000, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : METALLIZEDFILM  
CAPACITOR

SGS Job No. : CP19-026394 - SZ  
Model No. : MPP  
Client Ref. Info. : MEF, MEM, MPP, MPM, PEN, MPH, MEH, PPN, MPPS, MTF, MTP, PSM, MMS,  
MPJ, EMPP, EMPE, TMPE, FMPE, DMPE, DMPP, PEM, PEI, PPI, TMPE,  
TMPP, EPEM, MPEM  
Date of Sample Received : 22 May 2019  
Testing Period : 22 May 2019 - 30 May 2019  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Annie Ren

Annie Ren  
Approved Signatory



Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID    | Description                       |
|--------------|------------------|-----------------------------------|
| SN1          | CAN19-094342.012 | "METALLIZEDFILM CAPACITOR"(mixed) |

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

**Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

| Test Item(s)   | CAS NO.  | Unit  | MDL | 012 |
|--|----------|-------|-----|-----|
| Naphthalene(NAP)   | 91-20-3  | mg/kg | 0.1 | ND  |
| Acenaphthylene(ANY)  | 208-96-8 | mg/kg | 0.1 | ND  |
| Acenaphthene(ANA)  | 83-32-9  | mg/kg | 0.1 | ND  |
| Fluorene(FLU)  | 86-73-7  | mg/kg | 0.1 | ND  |
| Phenanthrene(PHE)  | 85-01-8  | mg/kg | 0.1 | ND  |
| Anthracene(ANT)  | 120-12-7 | mg/kg | 0.1 | ND  |
| Fluoranthene(FLT)  | 206-44-0 | mg/kg | 0.1 | ND  |
| Pyrene(PYR)  | 129-00-0 | mg/kg | 0.1 | ND  |
| Benzo(a)anthracene(BaA)  | 56-55-3  | mg/kg | 0.1 | ND  |
| Chrysene(CHR)  | 218-01-9 | mg/kg | 0.1 | ND  |
| Benzo(b)fluoranthene(BbF)  | 205-99-2 | mg/kg | 0.1 | ND  |
| Benzo(j)fluoranthene(BjF)  | 205-82-3 | mg/kg | 0.1 | ND  |
| Benzo(k)fluoranthene(BkF)  | 207-08-9 | mg/kg | 0.1 | ND  |
| Benzo(a)pyrene(BaP)  | 50-32-8  | mg/kg | 0.1 | ND  |
| Benzo(e)pyrene(BeP)  | 192-97-2 | mg/kg | 0.1 | ND  |
| Indeno(1,2,3-c,d)pyrene(IPY)   | 193-39-5 | mg/kg | 0.1 | ND  |
| Dibenzo(a,h)anthracene(DBA)  | 53-70-3  | mg/kg | 0.1 | ND  |
| Benzo(g,h,i)perylene(BPE)  | 191-24-2 | mg/kg | 0.1 | ND  |
| Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene | -        | mg/kg | -   | ND  |



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Test Item(s) CAS NO. Unit MDL 012  
 Sum of 18 PAHs - mg/kg - ND

**AFPS ( German commission for Product Safety ) : GS PAHs requirements**

| Parameter  | Category 1<br>Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s). | Category 2           |                             | Category 3           |                             |
|--|---|----------------------|-----------------------------|----------------------|-----------------------------|
|  |   | Toy under 2009/48/EC | Other products under ProdSG | Toy under 2009/48/EC | Other products under ProdSG |
| Benzo(a)pyrene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Benzo(e)pyrene Mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Benzo(a)anthracene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Benzo(b)fluoranthene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Benzo(j)fluoranthene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Benzo(k)fluoranthene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Chrysene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Dibenzo(a,h)anthracene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Benzo(g,h,i)perylene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Indeno(1,2,3-cd)pyrene mg/kg   | < 0.2   | < 0.2                | < 0.5                       | < 0.5                | < 1                         |
| Acenaphthylene, Acenaphthene, fluorene, phenanthrene , pyrene, anthracene, fluoranthene, mg/kg | < 1 Sum   | < 5 Sum              | < 10 Sum                    | < 20 Sum             | < 50 Sum                    |
| Naphthalene, mg/kg   | < 1   | < 2                  |                             | < 10                 |                             |
| Sum of 18 PAHs   | <1  | < 5                  | < 10                        | < 20                 | < 50                        |

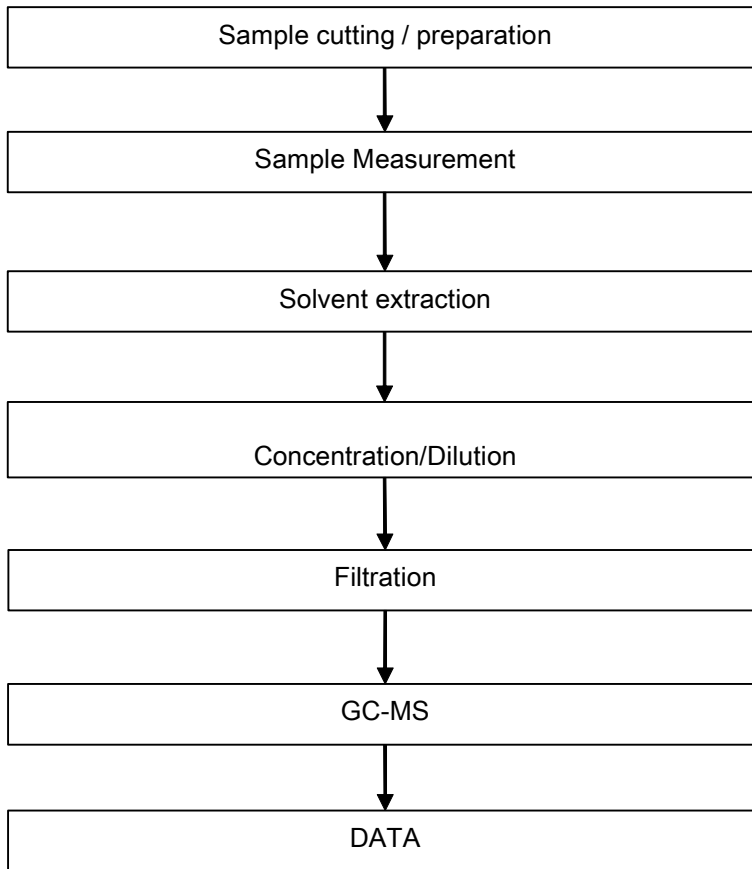
Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.



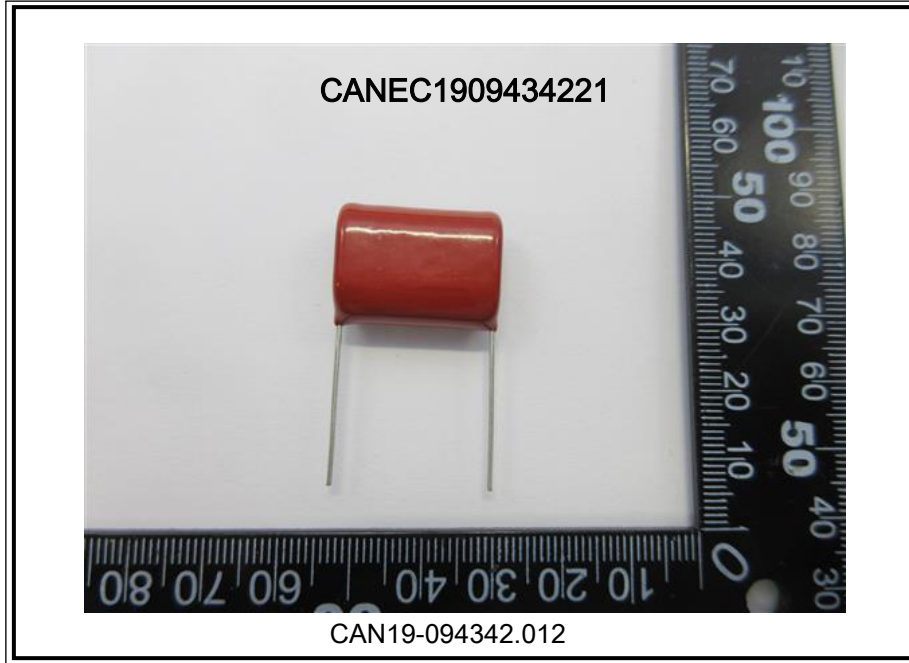
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ATTACHMENTS

PAHs Testing Flow Chart



Sample photo:



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

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