



# Test Report

No. 4343693-CH09-R3

Date: October 5, 2018

Page 1 of 15

NeoGraf Solutions, LLC  
11709 Madison Ave.  
Lakewood, OH 44107  
United States

"This report supersedes all previous documents bearing the test report number 4343693-CH09-R2."

The following sample(s) was/were submitted and identified by/on behalf of the client as:

**MEK Black Ink Mark Pack # JP-K67**

Sample Received Date:

**7/27/2018**

Testing Period:

**8/1/2018 – 8/9/2018, 9/14/2018 – 9/19/2018**

Revision Summary : R1: Updated sample description.  
R2: Additional test results added.  
R3: Test method and results for Hexavalent Chromium (CrVI) updated.

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

| Test Requested   | Comment          |
|--|------------------|
| 1. RoHS Directive 2011/65/EU Annex II  | PASS             |
| 2. US California Proposition 65 – Phthalate Content  | PASS             |
| 3. Halogen content (Cl, Br, I, F) of the submitted sample(s) with reference to BS EN 14582:2016  | See Test Results |
| 4. Antimony Content  | See Test Results |
| 5. Annex XVII of REACH Regulation (EC) No. 1907/2006 and its amendments – Perfluorooctane sulfonates (PFOS) content (Formerly Directive 2006/122/EC) | PASS             |
| 6. Perfluorooctanoic Acid (PFOA) Content   | See Test Results |
| 7. Beryllium Content   | See Test Results |
| 8. Directive (EU) 2015/863 of amending RoHS Directive 2011/65/EU   | PASS             |

Signed for and on behalf of SGS North America, Inc.

Prepared By:

Jennifer Valal  
Laboratory Manager, Chemistry Laboratory

Shaina Gibbons  
Report Writer, Chemistry Laboratory

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."

**1. RoHS Directive 2011/65/EU Annex II**

| Test Item(s):              | Unit  | Test Method   | Results | MDL | Limit |
|----------------------------|-------|---|---------|-----|-------|
|                            |       |   | 1       |     |       |
| Cadmium(Cd)                | mg/kg | With reference to IEC 62321-5:2013  | ND      | 2   | 100   |
| Lead (Pb)                  | mg/kg | (Determination of Cd and Pb by ICP-OES and /or ICP-MS)                                | ND      | 2   | 1000  |
| Mercury (Hg)               | mg/kg | With reference to IEC 62321-4:2013<br>(Determination of Hg by ICP-OES and/ or ICP-MS) | ND      | 2   | 1000  |
| Hexavalent Chromium (CrVI) | mg/kg | With reference to IEC 62321-7-2:2015 (Determination of CrVI by UV-Vis)                | 151     | 2   | 1000  |
| <b>Sum of PBBs</b>         | mg/kg | With reference to IEC 62321-6:2015<br>(Determination of PBB and PBDE by GC-MS)        | ND      | -   | 1000  |
| Monobromobiphenyl          | mg/kg |   | ND      | 5   | -     |
| Dibromobiphenyl            | mg/kg |   | ND      | 5   | -     |
| Tribromobiphenyl           | mg/kg |   | ND      | 5   | -     |
| Tetrabromobiphenyl         | mg/kg |   | ND      | 5   | -     |
| Hexabromobiphenyl          | mg/kg |   | ND      | 5   | -     |
| Pentabromobiphenyl         | mg/kg |   | ND      | 5   | -     |
| Heptabromobiphenyl         | mg/kg |   | ND      | 5   | -     |
| Octabromobiphenyl          | mg/kg |   | ND      | 5   | -     |
| Nonabromobiphenyl          | mg/kg |   | ND      | 5   | -     |
| Decabromobiphenyl          | mg/kg |   | ND      | 5   | -     |
| <b>Sum of PBDEs</b>        | mg/kg |   | ND      | -   | 1000  |
| Monobromodiphenyl ether    | mg/kg |   | ND      | 5   | -     |
| Dibromodiphenyl ether      | mg/kg |   | ND      | 5   | -     |
| Tribromodiphenyl ether     | mg/kg |   | ND      | 5   | -     |
| Tetrabromodiphenyl ether   | mg/kg |   | ND      | 5   | -     |
| Pentabromodiphenyl ether   | mg/kg |   | ND      | 5   | -     |
| Hexabromodiphenyl ether    | mg/kg |   | ND      | 5   | -     |
| Heptabromodiphenyl ether   | mg/kg |   | ND      | 5   | -     |
| Octabromodiphenyl ether    | mg/kg |   | ND      | 5   | -     |
| Nonabromodiphenyl ether    | mg/kg | ND  | 5       | -   |       |
| Decabromodiphenyl ether    | mg/kg | ND  | 5       | -   |       |
| <b>Conclusion</b>          | /     | /   | PASS    | /   | /     |

**Sample Description:**

- MEK Black Ink Mark Pack # JP-K67

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."

## Note:

- (a) mg/kg = ppm ; 0.1wt% = 1000ppm
- (b) ND= not detected
- (c) MDL = Method Detection Limit
- (d) - = not regulated
- (e) \* = Total Chromium analysis by ICP-MS and/or ICP-OES was not detected in submitted sample. Therefore, Hexavalent Chromium determination using UV-Visible Spectroscopy was not performed.
- (f) IEC 62321 series is equivalent to EN 62321 series  
[http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**2. US California Proposition 65 – Phthalate Content**

Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography / Mass Spectrometry.

| Phthalates                          | CAS No.                 | Result (ppm) | Detection Limit (ppm) | Reference Limit (ppm) |
|-------------------------------------|-------------------------|--------------|-----------------------|-----------------------|
|                                     |                         | 1            |                       |                       |
| Dibutyl Phthalate (DBP)             | 84-74-2                 | ND           | 150                   | 1000                  |
| Benzylbutyl Phthalate (BBP)         | 85-68-7                 | ND           | 150                   | 1000                  |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7                | ND           | 150                   | 1000                  |
| Diisodecyl Phthalate (DIDP)         | 26761-40-0 / 68515-49-1 | ND           | 150                   | 1000                  |
| Di-n-hexyl Phthalate (DnHP)         | 84-75-3                 | ND           | 150                   | 1000                  |
| Diisononyl Phthalate (DINP)         | 28553-12-0 / 68515-48-0 | ND           | 150                   | 1000                  |
| <b>Conclusion</b>                   | --                      | PASS         | --                    | --                    |

**Sample Description:**

1. MEK Black Ink Mark Pack # JP-K67

Note : 1. ppm = parts per million  
2. ND = Not Detected

Remark: The reference limit applied in testing is based on particular prop 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.  
A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with Proposition 65 by clearly informing the consumer of potential exposure.

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**3. Halogen content (Cl, Br, I, F) of the submitted sample(s) with reference to BS EN 14582:2016:**

With reference to **BS EN 14582:2016** "Characterization of waste – Halogen and sulfur content – Oxygen Combustion in closed systems and determination methods". Analysis was performed by Ion Chromatography.

| Test Items  | Unit  | Method Detection Limit | 1         |
|---|-------|------------------------|-----------|
| Halogen – <b>Chlorine</b> (Cl)<br>CAS # 007782-50-5 | mg/kg | 50                     | <b>ND</b> |
| Halogen – <b>Bromine</b> (Br)<br>CAS # 007726-95-6  | mg/kg | 50                     | <b>ND</b> |
| Halogen – <b>Fluorine</b> (F)<br>CAS # 007782-41-4  | mg/kg | 50                     | <b>ND</b> |
| Halogen – <b>Iodine</b> (I)<br>CAS # 007553-56-2    | mg/kg | 50                     | <b>ND</b> |

Sample Description:

1. MEK Black Ink Mark Pack # JP-K67

Note: 1. mg/kg = ppm  
2. ND = Not Detected, reported when the reading is less than the detection limit value.

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**4. Antimony Content**

Method: With reference to US EPA Method 3050B followed by analysis using ICP-OES and/or ICP-MS.

| Test Item     | Result (mg/kg) | Detection Limit (mg/kg) |
|---------------|----------------|-------------------------|
|               | 1              |                         |
| Antimony (Sb) | 2.40           | 2                       |

Sample Description:

1. MEK Black Ink Mark Pack # JP-K67

Note : 1. ND = Not Detected = denoted less than reporting limit

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**5. Annex XVII of REACH Regulation (EC) No. 1907/2006 and its amendments – Perfluorooctane sulfonates (PFOS) content (Formerly Directive 2006/122/EC)**

Test Method: With reference to CEN/TS 15968:2010. Analysis was performed by LC-MS.

| Test Item                          | Result (%) | Detection Limit (%) | Permissible Limit (%) |
|------------------------------------|------------|---------------------|-----------------------|
|                                    | 1          |                     |                       |
| Perfluorooctane sulfonates (PFOS)# | ND         | 0.001               | 0.005                 |
| <b>Comment</b>                     | PASS       | --                  | --                    |

Sample Description:

1. MEK Black Ink Mark Pack # JP-K67

Note : 1. % = percentage by weight

2. ND = Not Detected

3. # = Perfluorooctane sulfonates (PFOS) are represented by sum of PFOS – Acid, PFOS – Metal Salt and PFOS – Amide.

Remark: Recommended requirement with reference to commission regulation (EU) No. 757/2010 amending Regulation (EC) No 850/2004 (previously restricted under entry 53 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006)

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**6. Perfluorooctanoic Acid (PFOA) Content**

Test Method: With reference to CEN/TS 15968:2010. Analysis was performed by LC-MS / GC-MS.

| Test Item                     | Result (%) | Detection Limit (%) |
|-------------------------------|------------|---------------------|
|                               | 1          |                     |
| Perfluorooctanoic Acid (PFOA) | ND         | 0.001               |

**Sample Description:**

1. MEK Black Ink Mark Pack # JP-K67

Note : 1. % = percentage by weight

2. ND = Not Detected

3. + PFOA related substances refer to the sum of Perfluoro-1-iodooctane (PFOI) and 1H,1H,2H, 2H-Perfluoro-1-decanol (8:2 FTOH).

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*



**7. Beryllium Content**

Method: With reference to US EPA Method 3050B followed by analysis using ICP-OES and/or ICP-MS.

| Test Item      | Result (mg/kg) | Detection Limit (mg/kg) |
|----------------|----------------|-------------------------|
|                | 1              |                         |
| Beryllium (Be) | ND             | 2                       |

**Sample Description:**

1. MEK Black Ink Mark Pack # JP-K67

Note : 1. ND = Not Detected = denoted less than reporting limit

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**8. Directive (EU) 2015/863 of amending RoHS Directive 2011/65/EU**

| Test Item(s):                       | Unit  | Test Method   | Results | MDL | Limit |
|-------------------------------------|-------|---|---------|-----|-------|
|                                     |       |   | 1       |     |       |
| Bis (2-ethylhexyl) Phthalate (DEHP) | mg/kg | IEC 62321-8:2017<br>(Determination of DEHP, BBP, DBP and DIBP by GC-MS) | ND      | 50  | 1000  |
| Butyl benzyl Phthalate (BBP)        | mg/kg |   | ND      | 50  | 1000  |
| Dibutyl Phthalate (DBP)             | mg/kg |   | ND      | 50  | 1000  |
| Diisobutyl Phthalate (DIBP)         | mg/kg |   | ND      | 50  | 1000  |
| <b>Conclusion</b>                   | /     | /   | PASS    | /   | /     |

**Sample Description:**

1. MEK Black Ink Mark Pack # JP-K67

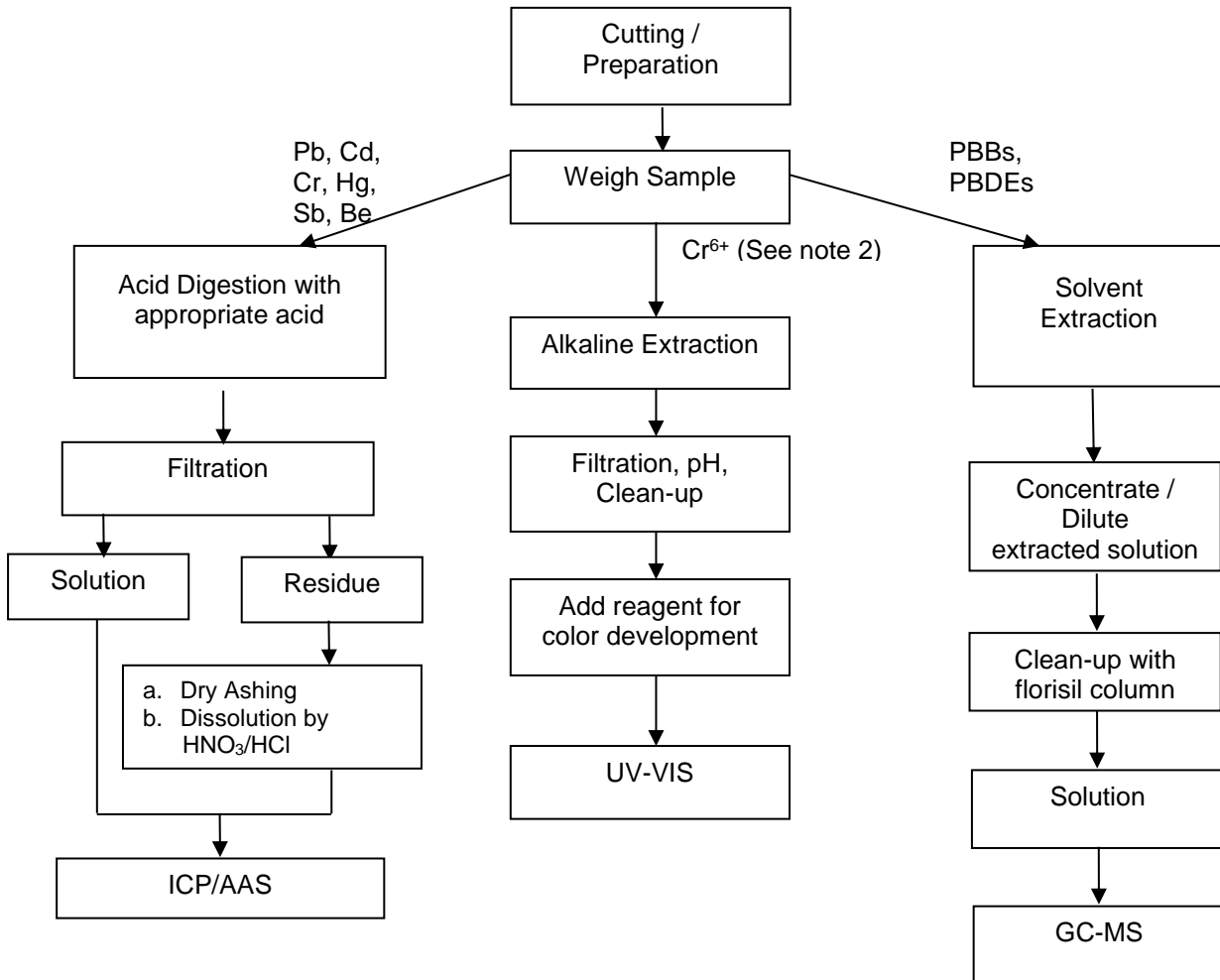
**Note :**

- (a) mg/kg = ppm ; 0.1wt% = 1000ppm
- (b) ND= not detected
- (c) MDL = Method Detection Limit
- (d) - = not regulated
- (e) IEC 62321 series is equivalent to EN 62321 series

[http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

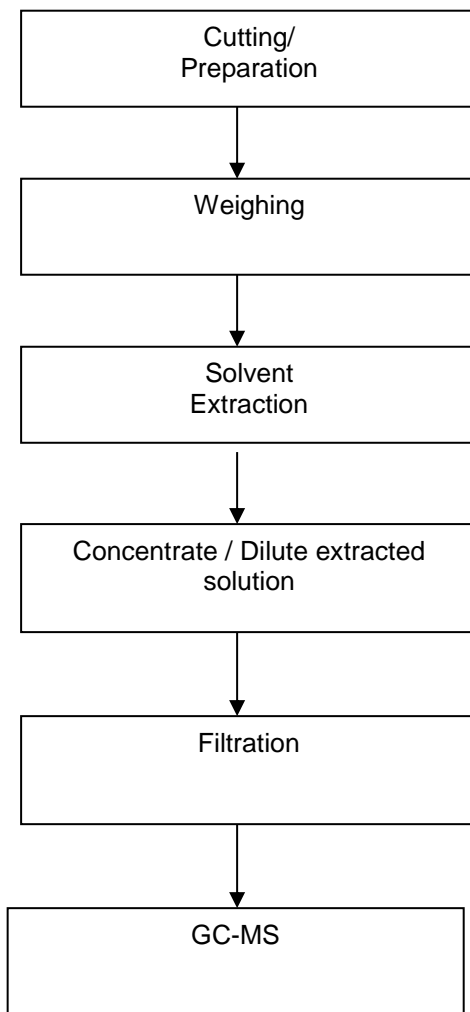
Flowchart for RoHS, Beryllium and Antimony Testing:



- Note
1. The Cd, Pb, Hg, Cr and Sb contents test on polymeric samples were dissolved totally by pre-conditioning method according to above flow chart.
  2. Cr<sup>6+</sup> is performed only when total Cr is detected

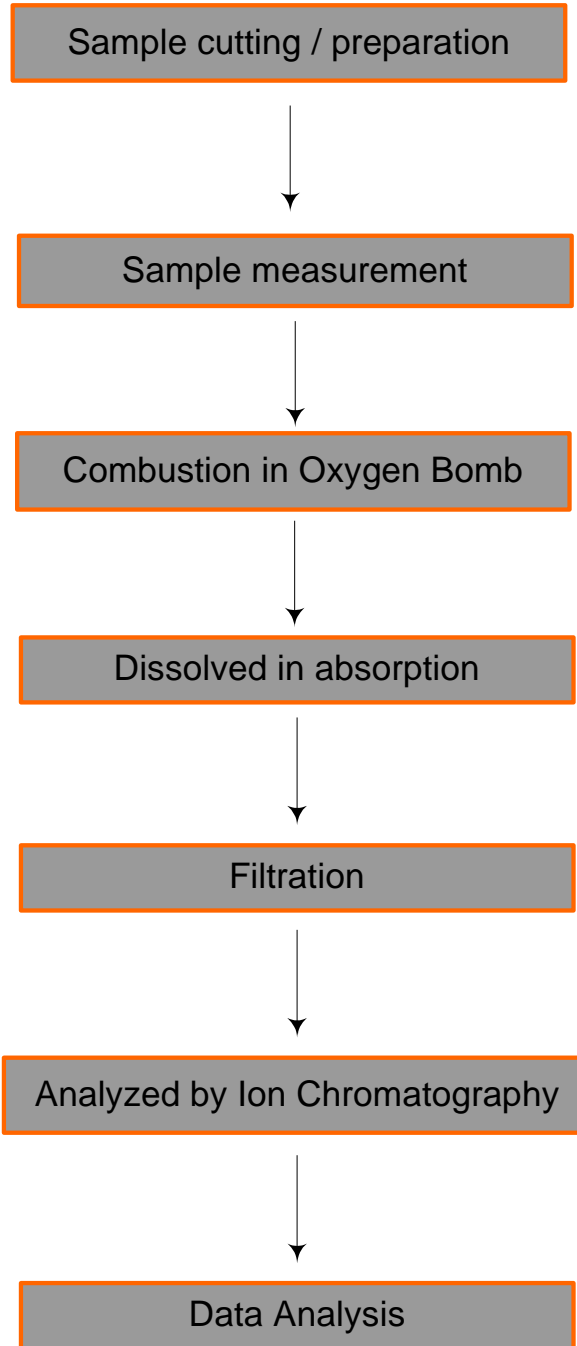
*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

Flowchart for Phthalates



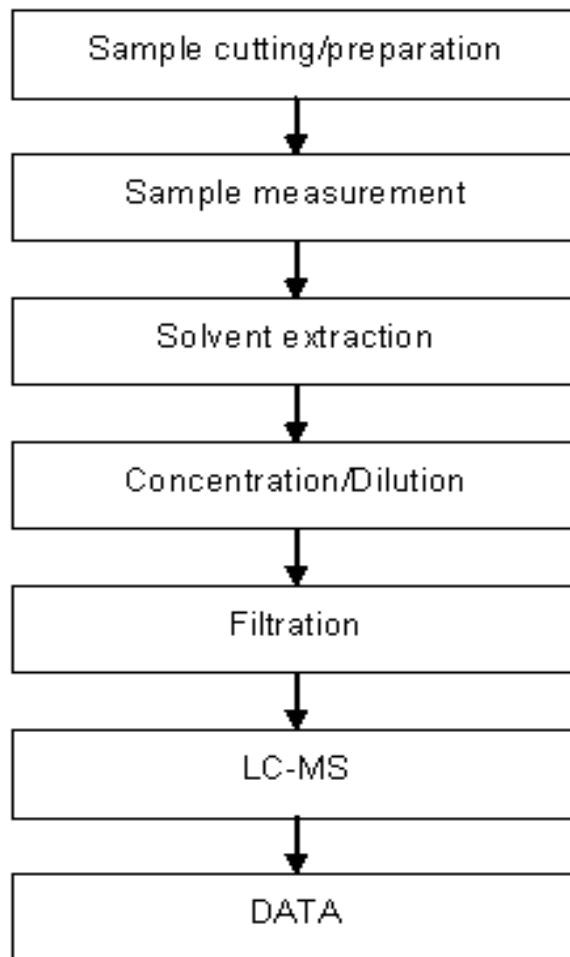
*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**Halogen Testing Flow Chart**



*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**PFOS/PFOA Testing Flow Chart**



*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*

**Sample Photo:**



SGS authenticates the photo on the original report only

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

*"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 45 days only."*