



# TEST REPORT

Test Report # 18A-005412 Date of Report Issue: November 26, 2018  
 Date of Sample Received: November 19, 2018 Pages: Page 1 of 8

### CLIENT INFORMATION:

Company:  
 Address:



### SAMPLE INFORMATION:

Product Name: 5M/19mm measuring tape with carabiner  
 Model/style No.: P113.652  
 Main Material: -  
 Buyer: -  
 Supplier: -  
 Country of Distribution: EU  
 Testing Period: 11/20/2018-11/23/2018

### OVERALL RESULT:



Refer to page 2 for test result summary and appropriate notes.

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The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.  
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# TEST REPORT

Test Report # 18A-005412 Date of Report Issue: November 26, 2018  
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## TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

| CONCLUSION | TEST(S) CONDUCTED   |
|------------|---|
| PASS       | Regulation (EC) No. 850/2004 Persistent Organic Pollutants, ANNEX I – Short Chain Chlorinated Paraffins C10-C13 |
| PASS       | Regulation (EC) No. 1907/2006 REACH Annex XIV, Substances of Very High Concern (SVHC) -phthalate content        |



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**DETAILED RESULTS:****Regulation (EC) No. 850/2004 Persistent Organic Pollutants, ANNEX I – Short Chain Chlorinated Paraffins C10-C13**

Test Method: In-House Method  
 Analytical Method: NCI Gas Chromatography with Mass Spectrometry

**Articles\***

| Specimen No.                                     |            | 2                 | 7                 | 1+3               | 4+5+6             | Limit<br>(mg/kg) |
|--|------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item  | CAS No.    | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Short Chain Chlorinated Paraffins C10-C13 (SCCP) | 85535-84-8 | ND                | 141               | ND                | ND                | <b>1500</b>      |
| <b>Conclusion</b>                                |            | PASS              | PASS              | PASS              | PASS              |                  |

**Note:**

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 50 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

\*Article: An object composed of one or more substances and/or preparations which during production is given a specific shape, surface or design determining its end use function to a greater extent than its chemical composition does.



**DETAILED RESULTS:****Regulation (EC) No. 1907/2006 REACH Annex XIV, Substances of Very High Concern (SVHC) -phthalate content**

Test Method: CPSC-CH-C1001-09.4-2010

Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No.   | 2                 | 7                 | Limit<br>(mg/kg) |
|--|-------------------|-------------------|------------------|
| Test Item  | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Di-n-butyl ortho-phthalate (DBP)   | ND                | ND                | 1000             |
| Benzyl-n-butyl ortho-phthalate (BBP)   | ND                | ND                | 1000             |
| Bis(2-ethylhexyl)ortho-phthalate (DEHP)  | ND                | ND                | 1000             |
| Di-iso-butyl ortho-phthalate (DIBP)  | ND                | ND                | 1000             |
| 1,2-Benzenedicarboxylic acid,<br>di-C6-8-branched alkyl esters, C7-rich (DIHP)   | ND                | ND                | 1000             |
| 1,2-benzenedicarboxylic acid, di-C7-11-branched<br>and linear alkyl esters (DHNUP)   | ND                | ND                | 1000             |
| Bis(2-methoxyethyl) phthalate (DMEP)   | ND                | ND                | 1000             |
| 1,2-Benzenedicarboxylic acid dipentylester,<br>branched and linear   | ND                | ND                | 1000             |
| Diisopentyl phthalate(DIPP)  | ND                | ND                | 1000             |
| n-pentyl-isopentylphthalate(PIPP)  | ND                | ND                | 1000             |
| Diphenyl phthalate (DPP)   | ND                | ND                | 1000             |
| Dihexyl Phthalate (DnHP)   | ND                | ND                | 1000             |
| 1,2-Benzenedicarboxylic acid, dihexyl ester,<br>branched and linear  | ND                | ND                | 1000             |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl<br>esters ; 1,2-benzenedicarboxylic acid, mixed<br>decyl and hexyl and octyl diesters with ≥<br>0.3% of dihexyl phthalate | ND                | ND                | 1000             |
| Dicyclohexyl phthalate (DCHP)  | ND                | ND                | 1000             |
| <b>Conclusion</b>  | PASS              | PASS              |                  |

**Note:**

mg/kg = Milligrams per kilogram

ND = Not detected (Reporting limit: 150mg/kg)



**DETAILED RESULTS:****Regulation (EC) No. 1907/2006 REACH Annex XIV, Substances of Very High Concern (SVHC) -phthalate content**

Test Method: CPSC-CH-C1001-09.4-2010

Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No.   | 1+3               | 4+5+6             | Limit<br>(mg/kg) |
|--|-------------------|-------------------|------------------|
| Test Item  | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Di-n-butyl ortho-phthalate (DBP)   | ND                | ND                | 1000             |
| Benzyl-n-butyl ortho-phthalate (BBP)   | ND                | ND                | 1000             |
| Bis(2-ethylhexyl)ortho-phthalate (DEHP)  | ND                | ND                | 1000             |
| Di-iso-butyl ortho-phthalate (DIBP)  | ND                | ND                | 1000             |
| 1,2-Benzenedicarboxylic acid,<br>di-C6-8-branched alkyl esters, C7-rich (DIHP)   | ND                | ND                | 1000             |
| 1,2-benzenedicarboxylic acid, di-C7-11-branched<br>and linear alkyl esters (DHNUP)   | ND                | ND                | 1000             |
| Bis(2-methoxyethyl) phthalate (DMEP)   | ND                | ND                | 1000             |
| 1,2-Benzenedicarboxylic acid dipentylester,<br>branched and linear   | ND                | ND                | 1000             |
| Diisopentyl phthalate(DIPP)  | ND                | ND                | 1000             |
| n-pentyl-isopentylphthalate(PIPP)  | ND                | ND                | 1000             |
| Diphenyl phthalate (DPP)   | ND                | ND                | 1000             |
| Dihexyl Phthalate (DnHP)   | ND                | ND                | 1000             |
| 1,2-Benzenedicarboxylic acid, dihexyl ester,<br>branched and linear  | ND                | ND                | 1000             |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl<br>esters ; 1,2-benzenedicarboxylic acid, mixed<br>decyl and hexyl and octyl diesters with ≥<br>0.3% of dihexyl phthalate | ND                | ND                | 1000             |
| Dicyclohexyl phthalate (DCHP)  | ND                | ND                | 1000             |
| <b>Conclusion</b>  | PASS              | PASS              |                  |

**Note:**

mg/kg = Milligrams per kilogram

ND = Not detected (Reporting limit: 150mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.





**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description  | Location     |
|--------------|-----------------------|--------------|
| 1            | Grey plastic          | Main body    |
| 2            | Black soft plastic    | Main body    |
| 3            | Black plastic         | Switch       |
| 4            | Yellow ink            | Raw material |
| 5            | Red ink               | Raw material |
| 6            | Black ink             | Raw material |
| 7            | Silvery/White plastic | Raw material |



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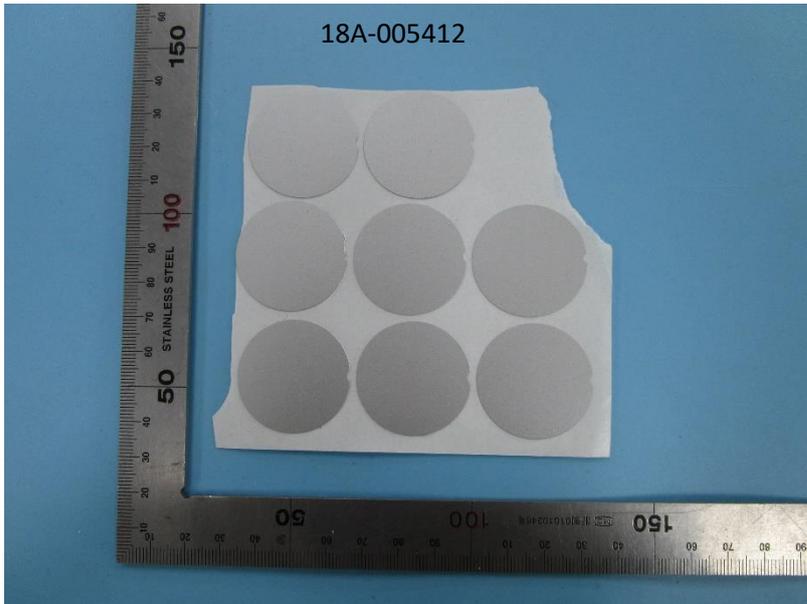
**SAMPLE PHOTO:**



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SAMPLE PHOTO:



-End Report-



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