



Test Report

Report No. A2190210083101002

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Applicant SHENZHEN RUNLITE TECHNOLOGY CO.,LTD
Address BUILDING A15, TANTOU THE 4TH INDUSTRIAL ESTATE, SONGGANG TOWN, BAOAN DISTRICT, SHENZHEN, CHINA

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

Sample Name Flexible Filament LED
Part No. 308mm
Client Reference Information 80mm、130mm、148mm、178mm、248mm、458mm、608mm
Sample Received Date Aug. 15, 2019
Testing Period Aug. 15, 2019 to Aug. 20, 2019

Test Requested As specified by client, to screen the 4 substances of very high concern(SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

Summary According to the analytical results, concentrations of 4 SVHC substances are all less than 0.1%(w/w) in the submitted sample(s).

Tested by

Sunny Liu

Reviewed by

Tori Xia

Approved by

Hill Zheng

Date

Aug. 20, 2019

Hill Zheng
Technical Manager

No. R262622129



Centre Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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Test Result(s)

| Batch | No. | Substance Name(s) | CAS No. | EC No. | Concentration (%) | Report Limit (%) |
|-------|-----|---|---------|--------|-------------------|------------------|
| - | - | All tested SVHC (See the candidate list) | - | - | N.D. | - |

Test Method:

Refer to US EPA 3550C:2007 for sample pretreatment.

Analyzed by HPLC, GC-MS and LC-MS-MS.

Sample/Part Description Filament LED (Mix all)

Note:

- The table of tested result(s) only shows detected SVHC, and SVHC that below Report Limit are not reported. Please refer to the Candidate List of SVHC on next pages.
- w/w = weight by weight; 0.1% = 1000 mg/kg = 1000 ppm
- N.D. = Not Detected (<report limit)
- ^①: In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances. When the content of the representative substances is equal to or higher than 0.1% (w/w), the presence of the substance in the sample need to be further confirmed by checking MSDS or requesting from suppliers.

Remark:

As specified by client, the test was conducted by mixing all materials together. The result(s) shown on this report may be different from the content of any homogeneous material.



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Candidate List of SVHC

| Batch | No. | Substance Name(s) | CAS No. | EC No. | Report Limit (%) |
|-------|-----|--|----------|-----------|------------------|
| XXI | 1 | 2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | - | - | 0.01 |
| XXI | 2 | 2-methoxyethyl acetate | 110-49-6 | 203-772-9 | 0.01 |
| XXI | 3 | 4-tert-butylphenol | 98-54-4 | 202-679-0 | 0.01 |
| XXI | 4 | ^① Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) | - | - | 0.01 |

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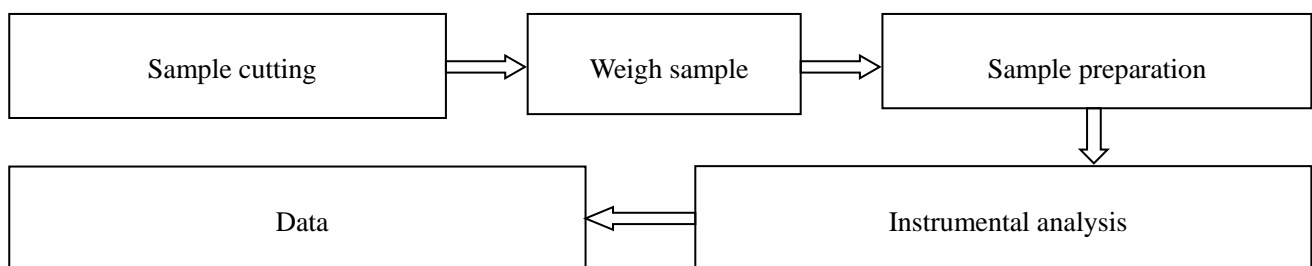
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Appendix:

- Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
 - Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
 - On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
- The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.
- The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
 - Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
 - Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

Test Process

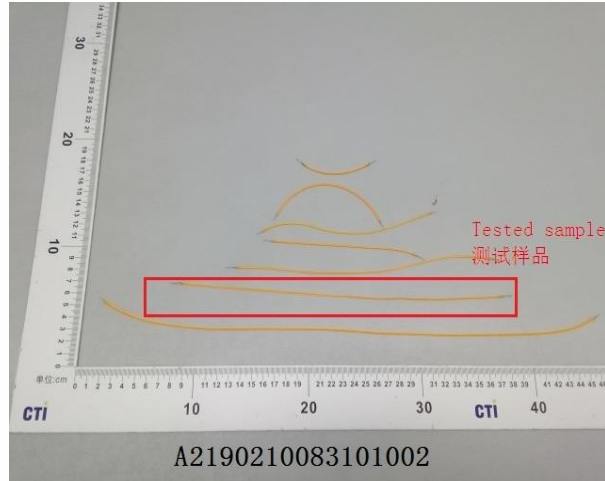


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Photo(s) of the sample(s)



*** End of Report ***

Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

CTI