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关注谱尼测试



Pony Testing International Group

**Test Report  
(SVHC)**

No.: MNC6KJJH29544704

Issued Date: 2019-08-15

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Applicant: HARMONY ELECTRONICS CORP.  
Address: No.39, Huadong Rd., Daliao Dist., Dafa Industrial Park.,  
Kaohsiung City 831, Taiwan

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

Sample Name: Seam Thermistor 221&211S&1612 series  
Sample Information: Copper+Iron+Cobalt+Nickel+Tin+Lead  
Supplier Name: HARMONY ELECTRONICS CORP.  
Test Component: Overall test

Sample Received Date: 2019-08-08  
Testing Period: 2019-08-08 To 2019-08-15

Reference specification: Very High Concern (SVHC) testing Based on the list published by European Chemicals Agency (ECHA) on 16 Jul 2019, regarding Regulation (EC) No 1907/2006 concerning the REACH. Screening tests based on customer requirements.

Test result(s): Please refer to next page(s)

Summary: According to the analytical results, concentrations of 4 SVHC substances are less than 0.1% in the submitted sample.

Approved by:



微信扫一扫，使用小程序



小程序扫一扫，在线验证

Code: vazjfm4



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Reference Methods:

No.	Substance Name(s)	Reference Methods and Equipments	Substance Classification
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)(HFPO-DA) <sup>(1)</sup>	Pony-In-house method, LC-MS/MS	Equivalent concern
2	2-methoxyethyl acetate	Pony-In-house method, GC-MS	Toxic for reproduction
3	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)(TNPP) <sup>(1)</sup>	Pony-In-house method, LC-MS/MS	endocrine disrupting properties-environment
4	4-tert-butylphenol	Pony-In-house method, GC-MS	Equivalent concern

Test result (Unit: %)

No.	Test item	CAS number	EC number	DL	Test Result
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)(HFPO-DA) <sup>(1)</sup>	—	—	0.0050	N.D.
2	2-methoxyethyl acetate	110-49-6	203-772-9	0.00008	N.D.
3	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)(TNPP) <sup>(1)</sup>	—	—	0.0050	N.D.
4	4-tert-butylphenol	98-54-4	202-679-0	0.012	N.D.

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Note: DL = Detection Limit  
N.D. = Not Detected (<DL)  
0.1 % = 1000 mg/kg = 1000 ppm

(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.

**Remarks:**

1. The chemical analysis of 4 SVHC is performed by means of currently available analytical Techniques in the list published by ECHA on 16 Jul 2019 shall refer to <http://echa.europa.eu/web/guest/candidate-list-table>
2. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
3. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the Name of that substance.

**Sample No. & Photo:**



Pony authenticate the photo on original report only  
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**Pony Testing International Group**  
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 深圳分公司: 深圳市宝安区西乡街道铁岗社区铁岗路101号  
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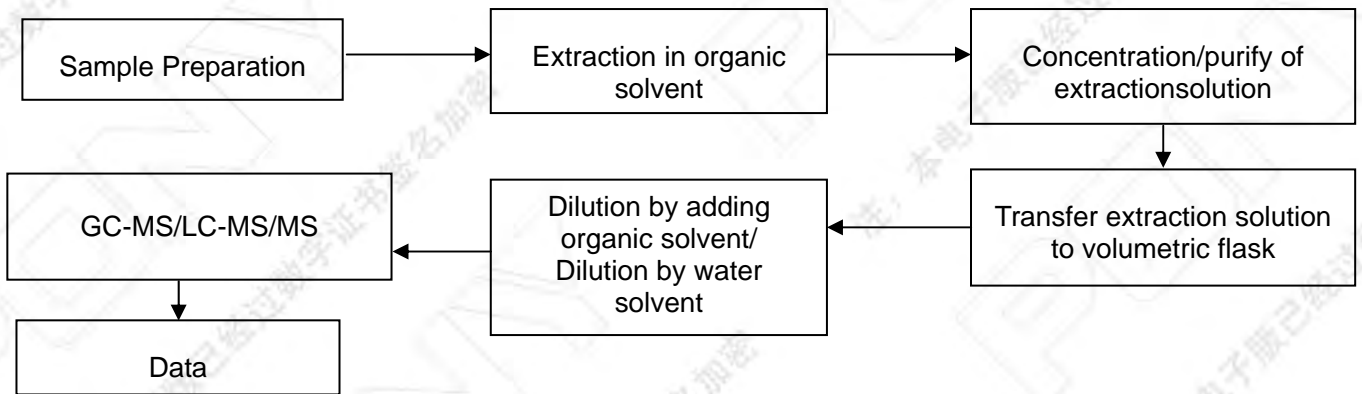
Measurement Flow-chart

Tested by: Jiang Yuejiao

Checked by: Peng Pingping

Person in charge of the lab: Mao Zuqing

Determination of 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)(HFPO-DA)/ 2-methoxyethyl acetate/Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with  $\geq 0.1\%$  w/w of 4-nonylphenol, branched and linear (4-NP)(TNPP)/4-tert-butylphenol



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



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