



Test Report

Report No.: JC-BW140625-3

Date: Aug.27, 2014

Applicant Name: TAIWAN SHIKE ELECTRONIC HOLDINGS LIMITED

Applicant Add.: Tin Fung Road, Science City, Guangzhou High-tech Development Zone

Report on the submitted sample(s) said to be:

Sample Name: 二极管

Model/Style: SMA, SMB, SMC

Sample Receiving Date: Aug.21, 2014

Testing Period: Aug.21, 2014 to Aug.26, 2014

Tests Conducted: As requested by the applicant, for details refer to attached page(s).

Tests conducted: As requested by client, according to Substances of Very High Concern (SVHC) in the candidate list and the public consultation list published by European Chemicals Agency (ECHA), which are defined in article 57 of regulation (EC) No. 1907/2006 (REACH regulation), SVHC screening is performed.

Summary:

SVHC Substances :	4 items in the Candidate List , see test result for details
SVHC Published Date :	Jun.16, 2014
Result Summary:	According to specified test processes in this report, 4 substances of SVHC are less than 0.1%, w/w in submitted sample, see test result for details.

Signed for and on behalf of
Skyte Testing Services Shenzhen Co., Ltd.



David Tu / General Manager

Attention: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of SKYTE.

Test Result

No.	Test Item	CAS No.	EC No.	Component No. & Test Result (% ,w/w)	MDL (% ,w/w)
				1/2*	
1	Cadmium chloride [#]	10108-64-2	233-296-7	N.D.	0.01
2	Sodium peroxometaborate [#]	7632-04-4	231-556-4	N.D.	0.01
3	Sodium perborate; perboric acid, sodium salt [#]	—	239-172-9, 24-390-0	N.D.	0.05
4	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	N.D.	0.01

Tested by: Dengpeng, Xishijin

Checked by: Zhouxiaoyun, Jiangnengqiang

Test Component Description:

1. Silver color metal
2. Black plastic

Remark:

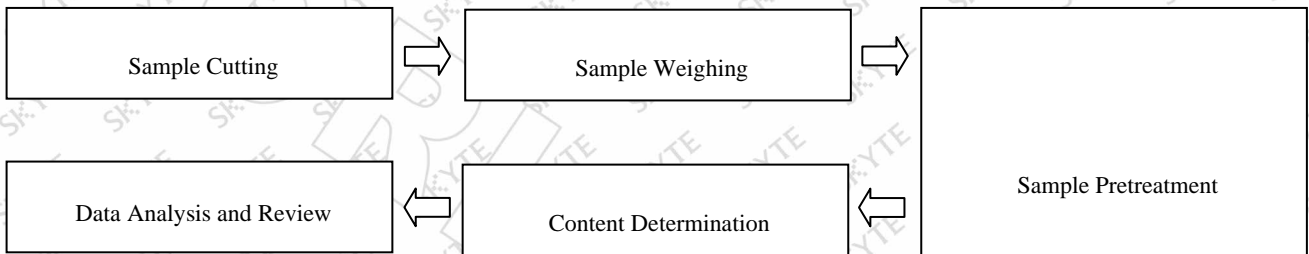
- (1) N.D. = not detected, less than MDL
- (2) MDL = method detection limit
- (3) % , w/w = percentage of weight by weight
- (4) * = As per the applicant's request, the mixed test was conducted.
- (5) # = The substances are calculated by the test results of element (e.g. Co,As,Cr⁶⁺,Pb,Al,Zr,Mo,B) respectively, identity of above metal substances present in the article has to be further confirmed.
- (6) The chemical analysis of SVHC is performed by means of currently available analytical techniques against the list published by ECHA. The list is under evaluation by ECHA and may subject to change in the future. Please refer to <http://echa.europa.eu/candidate-list-table>
- (7) 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).
- (8) 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.
- (9) If a SVHC is found over the reporting limit, applicant is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.
- (10) Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

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Test Method

No.	Test Item	Test Method and Instrument
1	Cadmium chloride	US EPA 3052-1996/US EPA 3050B-1996/ US EPA 6010C-2007, ICP-OES
2	Sodium peroxometaborate	US EPA 3052-1996/US EPA 3050B-1996/ US EPA 6010C-2007, ICP-OES
3	Sodium perborate; perboric acid, sodium salt	US EPA 3052-1996/US EPA 3050B-1996/ US EPA 6010C-2007, ICP-OES
4	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	EN 14372-2004, GC-MS

Measurement Flowchart



Sample Photo



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(End of report)

Attention is drawn to the terms and conditions printed overleaf

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