

**Test Report  
(SVHC)**

No. CANEC2008896701

Date: 12 Jun 2020

Page 1 of 36

HUA TIAN TECHNOLOGY (XI'AN) CO.,LTD  
NO.105,5TH FENGCHENG ROAD,ECON.&TECH.DEVELOPMENGT ZONE,XI'AN  
CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : QFN(0303\*0.75-0.50)016

SGS Job No. : CP20-028164 - GZ

Model No. : CSU32M10-QFN16

Client Ref. Info. : SEE REMARK

Date of Sample Received : 05 Jun 2020

Testing Period : 05 Jun 2020 - 12 Jun 2020

Test Requested : As requested by client, SVHC screening is performed according to:  
(i) Two hundred and five (205) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 16, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH.  
(ii) Five (5) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on Mar 3, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH.

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

Summary :

According to the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.	PASS
---	------

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Annie Ren

Annie Ren  
Approved Signatory



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 2 of 36

### Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA: <http://echa.europa.eu/web/guest/candidate-list-table>  
These lists are under evaluation by ECHA and may subject to change in the future.
2. REACH obligation:
  - 2.1 Concerning article(s):  
Communication:  
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 in the Candidate List.

#### Notification:

In accordance with Regulation (EC) No 1907/2006, any EU 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 in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:

<http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en>

#### 2.2 Concerning material(s):

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.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

#### 2.3 Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety



**Test Report  
(SVHC)**

No. CANEC2008896701

Date: 12 Jun 2020

Page 3 of 36

Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
  - (a) a substance posing human health or environmental hazards in an individual concentration of  $\geq 1\%$  by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or  $\geq 0.2\%$  by volume for gaseous mixtures; or
  - (b) a substance that is PBT, or vPvB in an individual concentration of  $\geq 0.1\%$  by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
  - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of  $\geq 0.1\%$  by weight for non-gaseous mixtures; or
  - (d) a substance for which there are Europe-wide workplace exposure limits.

3. If a SVHC is found over the reporting limit, client 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.

**Test Sample :**

Sample Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN20-088967.001	"QFN(0303*0.75-0.50)016"

**Test Method :**

SGS In-House method- SGS-CCL-TOP-092-01, SGS-CCL-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.



**Test Report  
(SVHC)**

No. CANEC2008896701

Date: 12 Jun 2020

Page 4 of 36

**Test Result: (Substances in the Candidate List of SVHC)**

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
-	All tested SVHC in candidate list	-	ND	-

**Test Result: (Substances in the Consultation List of potential SVHC)**

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
-	All tested SVHC in consultation list	-	ND	-



Notes :

1. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
  2. RL = Reporting Limit (Test data will be shown if it  $\geq$  RL. RL is not regulatory limit.) ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
  3. \* The test result is based on the calculation of selected element(s) and to the worst-case scenario.
  - \*\* The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
- For detail information, please refer to the SGS REACH website:  
<http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx>
4. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, cadmium, titanium and barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).
  5. Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.
  6.  $\Delta$  CAS No. of diastereoisomers identified ( $\alpha$ -HBCDD,  $\beta$ -HBCDD,  $\gamma$ -HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.
  7.  $\star$  CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.
  8.  $\S$  The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1)  $\geq$ 0.1% (w/w).
  9. / = Substances in the Consultation List of SVHC.



# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 6 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4' -Diaminodiphenylmethane(MDA)	101-77-9	0.050
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.050
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050
I	4	Anthracene	120-12-7	0.050
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.050
I	6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050
I	8	Cobalt dichloride*	7646-79-9	0.005
I	9	Diarsenic pentaoxide*	1303-28-2	0.005
I	10	Diarsenic trioxide*	1327-53-3	0.005
I	11	Dibutyl phthalate (DBP)	84-74-2	0.050
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) <sup>Δ</sup>	25637-99-4,3194-55-6	0.050
I	13	Lead hydrogen arsenate*	7784-40-9	0.005
I	14	Sodium dichromate*	7789-12-0, 10588-01-9	0.005
I	15	Triethyl arsenate*	15606-95-8	0.005
II	16	2,4-Dinitrotoluene	121-14-2	0.050
II	17	Acrylamide	79-06-1	0.050
II	18	Anthracene oil**	90640-80-5	0.050
II	19	Anthracene oil, anthracene paste**	90640-81-6	0.050
II	20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.050



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 7 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
II	21	Anthracene oil, anthracene paste, distn. lights**	91995-17-4	0.050
II	22	Anthracene oil, anthracene-low**	90640-82-7	0.050
II	23	Diisobutyl phthalate	84-69-5	0.050
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.005
II	25	Lead chromate*	7758-97-6	0.005
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.005
II	27	Pitch, coal tar, high temp.**	65996-93-2	0.050
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.050
III	29	Ammonium dichromate*	7789-09-5	0.005
III	30	Boric acid*	10043-35-3, 11113-50-1	0.005
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.005
III	32	Potassium chromate*	7789-00-6	0.005
III	33	Potassium dichromate*	7778-50-9	0.005
III	34	Sodium chromate*	7775-11-3	0.005
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005
III	36	Trichloroethylene	79-01-6	0.050
IV	37	2-Ethoxyethanol	110-80-5	0.050
IV	38	2-Methoxyethanol	109-86-4	0.050
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	7738-94-5,- 13530-68-2	0.005



# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 8 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
IV	40	Chromium trioxide*	1333-82-0	0.005
IV	41	Cobalt(II) carbonate*	513-79-1	0.005
IV	42	Cobalt(II) diacetate*	71-48-7	0.005
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.005
IV	44	Cobalt(II) sulphate*	10124-43-3	0.005
V	45	1,2,3-trichloropropane	96-18-4	0.050
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.050
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.050
V	48	1-methyl-2-pyrrolidone	872-50-4	0.050
V	49	2-ethoxyethyl acetate	111-15-9	0.050
V	50	Hydrazine	7803-57-8, 302-01-2	0.050
V	51	Strontium chromate*	7789-06-2	0.005
VI	52	1,2-Dichloroethane	107-06-2	0.050
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.050
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.050
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.050
VI	56	Aluminosilicate Refractory Ceramic Fibres *	650-017-00-8 (Index no.)	0.005
VI	57	Arsenic acid*	7778-39-4	0.005
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.050
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.050



SGS-CSTC Shenzhen & Technical Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory.

Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

198 Kazhu Road, Sciotech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgs.com.cn  
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com



# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 9 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VI	60	Calcium arsenate*	7778-44-1	0.005
VI	61	Dichromium tris(chromate) *	24613-89-6	0.005
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050
VI	63	Lead diazide, Lead azide*	13424-46-9	0.005
VI	64	Lead dipicrate*	6477-64-1	0.005
VI	65	Lead styphnate*	15245-44-0	0.005
VI	66	N,N-dimethylacetamide	127-19-5	0.050
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.005
VI	68	Phenolphthalein	77-09-8	0.050
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.005
VI	70	Trilead diarsenate*	3687-31-8	0.005
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	0.005
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.050
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)§	548-62-9	0.050
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.050
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.050
VII	78	Diboron trioxide*	1303-86-2	0.005



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 10 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VII	79	Formamide	75-12-7	0.050
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.050
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.050
VII	83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050
VII	84	$\beta$ -TGIC (1,3,5-tris(2S and 2R)-2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	0.050
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050
VIII	87	1,2-Diethoxyethane	629-14-1	0.050
VIII	88	1-Bromopropane	106-94-5	0.050
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.050
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.050
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.050
VIII	93	4-Aminoazobenzene	60-09-3	0.050
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.050
VIII	95	4-Nonylphenol, branched and linear	-	0.050
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.050
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.005



# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 11 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	98	Biphenyl-4-ylamine	92-67-1	0.050
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.050
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7,13149-00-3,1 4166-21-3	0.050
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.050
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.050
VIII	103	Diethyl sulphate	64-67-5	0.050
VIII	104	Diisopentylphthalate	605-50-5	0.050
VIII	105	Dimethyl sulphate	77-78-1	0.050
VIII	106	Dinoseb	88-85-7	0.050
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.005
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.005
VIII	109	Furan	110-00-9	0.050
VIII	110	Henicosfluoroundecanoic acid	2058-94-8	0.050
VIII	111	Heptacosfluorotetradecanoic acid	376-06-7	0.050
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	☆	0.050
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.005
VIII	114	Lead cyanamidate*	20837-86-9	0.005
VIII	115	Lead dinitrate*	10099-74-8	0.005
VIII	116	Lead monoxide*	1317-36-8	0.005



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 12 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	117	Lead oxide sulfate*	12036-76-9	0.005
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.005
VIII	119	Lead titanium trioxide*	12060-00-3	0.005
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.005
VIII	121	Methoxyacetic acid	625-45-6	0.050
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.050
VIII	123	N,N-dimethylformamide	68-12-2	0.050
VIII	124	N-Methylacetamide	79-16-3	0.050
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.050
VIII	126	o-Aminoazotoluene	97-56-3	0.050
VIII	127	o-Toluidine	95-53-4	0.050
VIII	128	Pentacosafuorotridecanoic acid	72629-94-8	0.050
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.005
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.005
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.005
VIII	132	Silicic acid, lead salt*	11120-22-2	0.005
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005
VIII	134	Tetraethyllead*	78-00-2	0.005
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.005
VIII	136	Tricosafuorododecanoic acid	307-55-1	0.050
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.005



Unless otherwise agreed in writing, 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 13 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.005
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.050
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.050
IX	141	Cadmium oxide*	1306-19-0	0.005
IX	142	Cadmium*	7440-43-9	0.005
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.050
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050
X	145	Cadmium sulphide*	1306-23-6	0.005
X	146	Dihexyl phthalate	84-75-3	0.050
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.050
X	148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.050
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.050
X	150	Lead di(acetate)*	301-04-2	0.005
X	151	Trixylyl phosphate	25155-23-1	0.050
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050
XI	153	Cadmium chloride*	10108-64-2	0.005
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.005
XI	155	Sodium peroxometaborate*	7632-04-4	0.005



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 14 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.050
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.050
XII	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	0.050
XII	159	Cadmium fluoride*	7790-79-6	0.005
XII	160	Cadmium sulphate*	10124-36-4, 31119-53-6	0.005
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 2-ethylhexyl 10-ethyl-4-[[2- [(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE & MOTE)	-	0.050
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5, 68648-93-1	0.050
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	0.050
XIV	164	1,3-propanesultone	1120-71-4	0.050
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.050
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.050
XIV	167	Nitrobenzene	98-95-3	0.050
XIV	168	Perfluorononan-1-oiic-acid and its sodium and ammonium salts	375-95-1,21049-39-8, 4149-60-4	0.050
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.050



# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 15 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.050
XVI	171	4-Heptylphenol, branched and linear	-	0.050
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7,335-76-2,3 830-45-3	0.050
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.050
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.050
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.050
XVIII	176	Benz[a]anthracene	56-55-3, 1718-53-2	0.050
XVIII	177	Cadmium nitrate*	10022-68-1, 10325-94-7	0.005
XVIII	178	Cadmium carbonate*	513-78-0	0.005
XVIII	179	Cadmium hydroxide*	21041-95-2	0.005
XVIII	180	Chrysene	218-01-9, 1719-03-5	0.050
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.050
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride)	552-30-7	0.050
XIX	183	Benzo[ghi]perylene	191-24-2	0.050
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050
XIX	186	Disodium octaborate*	12008-41-2	0.005



Unless otherwise agreed in writing, 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory.

198 Kazhu Road, Sciotech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgs.com.cn  
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com

# Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 16 of 36

## Appendix

### Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050
XIX	188	Ethylenediamine	107-15-3	0.050
XIX	189	Lead*	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050
XIX	191	Terphenyl hydrogenated	61788-32-7	0.050
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.050
XX	193	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	6807-17-6	0.050
XX	194	Benzo[k]fluoranthene	207-08-9	0.050
XX	195	Fluoranthene	206-44-0, 93951-69-0	0.050
XX	196	Phenanthrene	85-01-8	0.050
XX	197	Pyrene	129-00-0, 1718-52-1	0.050
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	0.050
XXI	199	2-methoxyethyl acetate	110-49-6	0.050
XXI	200	4-tert-butylphenol (PTBP)	98-54-4	0.050
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.050
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.050
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050
XXII	204	Diisohexyl phthalate	71850-09-4	0.050





**Test Report  
(SVHC)**

No. CANEC2008896701

Date: 12 Jun 2020

Page 17 of 36

**Appendix**

**Full list of tested SVHC:**

Batch	No.	Substance Name	CAS No.	RL (%)
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050
/	206	1-vinylimidazole	1072-63-5	0.050
/	207	2-methylimidazole	693-98-1	0.050
/	208	Butyl 4-hydroxybenzoate	94-26-8	0.050
/	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.050
/	210	Resorcinol	108-46-3	0.050



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 18 of 36

**Remark:**

QFN(1212*0.85-0.50)148	QFN(0606*0.85-0.40)048-SD3	QFN(0404*0.75-0.50)020-SS2
QFN(1111*0.50-0.40)256	QFN(0606*0.85-0.40)048-SD2	QFN(0404*0.75-0.50)020-SD2
QFN(7.57.5*0.75-0.40)064	QFN(0606*0.85-0.40)048(G)-SD2	QFN(0404*0.75-0.50)020(B)
QFN(7.35.8*0.85-0.40)056(A)-SIP	QFN(0606*0.85-0.40)048(F)	QFN(0404*0.75-0.50)020
QFN(7.35.8*0.85-0.40)056(A)-SD2	QFN(0606*0.85-0.40)048(E)	QFN(0404*0.75-0.50)016-SS2
QFN(6.56.5*0.85-0.50)072	QFN(0606*0.85-0.40)048(D)-SD2	QFN(0404*0.75-0.50)016
QFN(6.54.5*0.75-0.40)046-SS2	QFN(0606*0.85-0.40)048(D)	QFN(0404*0.75-0.45)028
QFN(6.54.5*0.75-0.40)046	QFN(0606*0.85-0.40)048	QFN(0404*0.75-0.40)032-SS2
QFN(5.85.0*0.75-0.35)048(A)-SIP	QFN(0606*0.85-0.35)060(A)-SD2	QFN(0404*0.75-0.40)032-SD2
QFN(5.64.6*0.90-0.35)048(A)-SD3	QFN(0606*0.85-0.35)056	QFN(0404*0.75-0.40)032(C)
QFN(5.55.5*0.75-0.40)040-SS2	QFN(0606*0.75-0.80)020	QFN(0404*0.75-0.40)032(B)-SS2
QFN(5.55.5*0.75-0.40)040-SD2	QFN(0606*0.75-0.65)028(A)	QFN(0404*0.75-0.40)032(B)-SD2
QFN(5.54.5*0.85-0.40)038	QFN(0606*0.75-0.50)040-SS3	QFN(0404*0.75-0.40)032(B)
QFN(5.54.5*0.75-0.40)040(A)	QFN(0606*0.75-0.50)040-SS2	QFN(0404*0.75-0.40)032
QFN(5.54.5*0.75-0.40)038	QFN(0606*0.75-0.50)040-SD2	QFN(0404*0.75-0.40)028-SD2
QFN(5.507*0.85-0.40)050(C)	QFN(0606*0.75-0.50)040(B)-SS7	QFN(0404*0.75-0.40)028(D)
QFN(5.507*0.75-0.40)050(C)	QFN(0606*0.75-0.50)040(B)-SS3	QFN(0404*0.75-0.40)028(B)-SS2
QFN(5.07.5*0.75-0.40)052(A)-SS2	QFN(0606*0.75-0.50)040	QFN(0404*0.75-0.40)028(B)-SD2
QFN(4.54.5*0.55-0.30)048	QFN(0606*0.75-0.50)036	QFN(0404*0.75-0.40)028(B)
QFN(4.53.5*0.75-0.50)024	QFN(0606*0.75-0.50)015-SS4	QFN(0404*0.75-0.40)028
QFN(3.59.0*0.75-0.50)042(A)-SS2	QFN(0606*0.75-0.40)052-SS2	QFN(0404*0.55-0.50)024-SS2
QFN(3.53.5*0.75-0.40)024(A)-SD2	QFN(0606*0.75-0.40)052-SD2	QFN(0404*0.55-0.50)024



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 19 of 36

QFN(3.53.0*0.75-0.40)024(A)	QFN(0606*0.75-0.40)052(B)-SS5	QFN(0404*0.55-0.40)032(A)-SS2
QFN(3.5.3.5*0.75-0.40)024(A)	QFN(0606*0.75-0.40)052(B)-SS4	QFN(0404*0.55-0.40)032(A)-SD2
QFN(3.33.3*0.90-0.40)024(A)-SIP	QFN(0606*0.75-0.40)052	QFN(0404*0.55-0.40)032(A)
QFN(3.04.5*0.75-0.40)028(A)-SD2	QFN(0606*0.75-0.40)048-SS2	QFN(0404*0.55-0.35)036(A)
QFN(3.02.5*0.75-0.40)022(A)-SD2	QFN(0606*0.75-0.40)048-SIP	QFN(0404*0.50-0.65)016(A)
QFN(2.52.5*0.75-0.50)016(B)	QFN(0606*0.75-0.40)048-SD2	QFN(0404*0.50-0.50)024
QFN(2.52.5*0.75-0.50)014(A)	QFN(0606*0.75-0.40)048(F)-SS2	QFN(0404*0.40-0.40)032(A)
QFN(2.52.5*0.75-0.40)016	QFN(0606*0.75-0.40)048(F)	QFN(0404*0.30-0.40)032(D)
QFN(2.52.5*0.55-0.50)016-SS3	QFN(0606*0.75-0.40)048(D)	QFN(0404*0.30-0.40)032(A)
QFN(2.52.5*0.55-0.50)016-SS2	QFN(0606*0.75-0.40)048(B)-SD2	QFN(0305*0.75-0.50)024(A)-SS3
QFN(2.52.5*0.55-0.50)016	QFN(0606*0.75-0.40)048(B)	QFN(0305*0.75-0.50)024(A)
QFN(2.52.5*0.40-0.50)016(C)-SS3	QFN(0606*0.75-0.40)048	QFN(0303*0.85-0.50)016(F)-SS2
QFN(2.52.5*0.40-0.50)016(C)-SS2	QFN(0606*0.75-0.35)056-SD2	QFN(0303*0.85-0.50)016(F)
QFN(2.52.5*0.40-0.50)016(B)	QFN(0606*0.75-0.35)056	QFN(0303*0.85-0.50)016(A)
QFN(2.32.3*0.55-0.40)016(A)-SS2	QFN(0606*0.55-0.40)052-SS2	QFN(0303*0.85-0.50)016
QFN(2.32.3*0.55-0.40)016(A)	QFN(0606*0.55-0.40)052	QFN(0303*0.85-0.50)010
QFN(2.32.3*0.30-0.40)016-SS2	QFN(0606*0.55-0.40)048-SD2	QFN(0303*0.85-0.40)024(A)-SD2
QFN(2.32.3*0.30-0.40)016	QFN(0606*0.55-0.40)048	QFN(0303*0.85-0.40)024(A)
QFN(1212*0.85-0.50)156(A)	QFN(0606*0.55-0.35)056(B)-SS2	QFN(0303*0.85-0.40)020(A)
QFN(1212*0.85-0.50)148(A)-SS2	QFN(0606*0.55-0.35)056	QFN(0303*0.85-0.40)020
QFN(1212*0.85-0.50)148(A)-SIP	QFN(0606*0.55-0.30)068(A)-SS2	QFN(0303*0.75-0.65)008(A)
QFN(1212*0.85-0.50)148(A)-SD2	QFN(0606*0.50-0.80)020	QFN(0303*0.75-0.50)020(B)-SD2
QFN(1212*0.85-0.50)148(A)	QFN(0606*0.50-0.35)060(A)	QFN(0303*0.75-0.50)020(B)



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 20 of 36

QFN(1212*0.75-0.50)088(A)	QFN(0509*0.90-0.40)060-SD2	QFN(0303*0.75-0.50)016-SS3
QFN(1212*0.75-0.50)020	QFN(0509*0.90-0.40)060(B)-SD2	QFN(0303*0.75-0.50)016-SS2
QFN(1212*0.75-0.40)100(A)	QFN(0509*0.75-0.40)060-SD2	QFN(0303*0.75-0.50)016(E)-SD2
QFN(1212*0.65-0.60)019(A)	QFN(0509*0.75-0.40)060(B)-SD2	QFN(0303*0.75-0.50)016(E)
QFN(1111*0.65-0.40)072	QFN(0509*0.75-0.40)060	QFN(0303*0.75-0.50)016(B)
QFN(1010*0.90-0.40)088-SD2	QFN(0506*0.75-1.0)010(A)-SS4	QFN(0303*0.75-0.50)016
QFN(1010*0.90-0.40)088(D)-SD2	QFN(0506*0.75-1.0)010(A)-SS3	QFN(0303*0.75-0.50)012
QFN(1010*0.90-0.40)088	QFN(0506*0.75-0.40)044(A)	QFN(0303*0.75-0.40)024(A)-SS2
QFN(1010*0.90-0.35)096-SIP	QFN(0505X0.85-0.65)020	QFN(0303*0.75-0.40)024(A)
QFN(1010*0.85-0.50)132(A)	QFN(0505*0.90-0.50)032-SS4	QFN(0303*0.75-0.40)020-SS2
QFN(1010*0.85-0.50)072(B)	QFN(0505*0.90-0.50)032-SS3	QFN(0303*0.75-0.40)020-SD2
QFN(1010*0.85-0.50)072	QFN(0505*0.90-0.50)032-SD3	QFN(0303*0.75-0.40)020
QFN(1010*0.85-0.40)088-SS2	QFN(0505*0.90-0.50)032(D)-SD2	QFN(0303*0.55-0.50)016(E)
QFN(1010*0.85-0.40)088-SIP	QFN(0505*0.90-0.50)032(B)-SD2	QFN(0303*0.55-0.50)016(C)-SS3
QFN(1010*0.85-0.40)088-SD2	QFN(0505*0.90-0.50)032(B)	QFN(0303*0.55-0.50)016(C)-SS2
QFN(1010*0.85-0.40)088(D)-SD2	QFN(0505*0.90-0.50)032(A)-SD2	QFN(0303*0.55-0.50)016(C)
QFN(1010*0.85-0.40)088(D)	QFN(0505*0.90-0.50)032(A)	QFN(0303*0.55-0.50)016(A)
QFN(1010*0.85-0.40)088(B)-SS2	QFN(0505*0.90-0.50)032	QFN(0303*0.55-0.40)020(B)
QFN(1010*0.85-0.40)088(B)	QFN(0505*0.90-0.50)028-SS2	QFN(0303*0.55-0.40)020(A)
QFN(1010*0.85-0.40)088	QFN(0505*0.90-0.40)040-SD3	QFN(0303*0.50-0.50)016(A)-SS3
QFN(1010*0.85-0.35)096-SIP	QFN(0505*0.90-0.40)040	QFN(0303*0.50-0.50)016(A)
QFN(1010*0.85-0.35)096-SD2	QFN(0505*0.90-0.40)032-SD2	QFN(0303*0.40-0.40)024(B)
QFN(1010*0.75-0.40)088-SIP	QFN(0505*0.85-0.80)016(A)	QFN(0203*0.85-0.40)016(A)



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 21 of 36

QFN(1010*0.75-0.40)088-SD2	QFN(0505*0.85-0.65)020	QFN(0202*0.55-0.50)012(D)
QFN(1010*0.75-0.40)088(C)-SS2	QFN(0505*0.85-0.50)032-SD2	QFN(0202*0.55-0.50)012(C)
QFN(1010*0.75-0.40)088	QFN(0505*0.85-0.50)032(C)-SIP	QFN(0202*0.55-0.50)012(B)
QFN(1010*0.75-0.35)096-SD2	QFN(0505*0.85-0.50)032(C)-SD2	QFN(0202*0.55-0.40)014(B)
QFN(1010*0.75-0.35)096(B)-SS2	QFN(0505*0.85-0.50)032	QFN(0202*0.55-0.40)014(A)
QFN(1010*0.75-0.35)096(B)	QFN(0505*0.85-0.50)028-SS3	QFN(0202*0.50-0.40)014(A)
QFN(1010*0.75-0.35)096(B)	QFN(0505*0.85-0.50)028-SS2	QFN(0202*0.50-0.40)012-SS3
QFN(1010*0.75-0.35)096	QFN(0505*0.85-0.50)028-SD3	QFN(0202*0.50-0.40)012(B)
QFN(1.61.6*0.75-0.40)012	QFN(0505*0.85-0.50)028	FCQFN16L(2.52.5*0.75-0.45)(B)
QFN(1.61.6*0.30-0.40)012	QFN(0505*0.85-0.40)040-SS2	FCQFN(3.54.0*0.85-0.40)026(A)
QFN(1.51.5*0.55-0.50)006(A)	QFN(0505*0.85-0.40)040-SD2	FCQFN(3.53.5*0.85-0.45)026(A)
QFN(0909*0.90-0.50)064(C)-SIP	QFN(0505*0.85-0.40)040(D)	FCQFN(2.53.0*0.85-0.50)014(A)
QFN(0909*0.90-0.50)064(C)	QFN(0505*0.85-0.40)040(C)-SD2	FCQFN(2.53.0*0.85-0.50)012(A)
QFN(0909*0.90-0.40)080-SD2	QFN(0505*0.85-0.40)040	FCQFN(2.52.5*0.55-0.45)016(A)
QFN(0909*0.90-0.40)076(B)-SD2	QFN(0505*0.85-0.35)048(B)-SIP	FCQFN(2.02.5*0.85-0.65)010(A)
QFN(0909*0.90-0.35)088(A)-SIP	QFN(0505*0.85-0.35)048(B)-SD3	FCQFN(2.02.5*0.85-0.45)012(A)
QFN(0909*0.85-0.50)064(F)-SD2	QFN(0505*0.85-0.35)048(B)-SD2	FCQFN(2.02.5*0.55-0.50)016(A)
QFN(0909*0.85-0.50)064(C)-SD2	QFN(0505*0.85-0.35)048(B)	FCQFN(1.81.3*0.55-0.40)012(A)
QFN(0909*0.85-0.50)064(C)	QFN(0505*0.85-0.30)056(A)-SD2	FCQFN(1.52.0*0.85-0.50)010(A)
QFN(0909*0.85-0.40)080-SIP	QFN(0505*0.75-0.80)020(A)-SS3	FCQFN(1.51.5*0.55-0.45)007(A)
QFN(0909*0.85-0.40)080-SD2	QFN(0505*0.75-0.80)016(A)	FCQFN(0606*0.75-0.35)056(A)
QFN(0909*0.85-0.40)080	QFN(0505*0.75-0.65)020-SS2	FCQFN(0505*0.75-0.65)024
QFN(0909*0.85-0.40)076(C)-SS2	QFN(0505*0.75-0.65)020(B)	FCQFN(0505*0.75-0.45)034(A)



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 22 of 36

QFN(0909*0.85-0.40)076(C)	QFN(0505*0.75-0.65)020	FCQFN(0505*0.75-0.40)032(A)
QFN(0909*0.75-0.50)064(E)-SD2	QFN(0505*0.75-0.50)032-SS4	FCQFN(0405*0.75-0.40)022(A)
QFN(0909*0.75-0.50)064(E)	QFN(0505*0.75-0.50)032-SS3	FCQFN(0404*0.85-0.50)024
QFN(0909*0.75-0.50)064(D)-SD2	QFN(0505*0.75-0.50)032-SS2	FCQFN(0404*0.85-0.50)021(A)
QFN(0909*0.75-0.50)064(D)	QFN(0505*0.75-0.50)032-SIP	FCQFN(0404*0.85-0.40)030(A)
QFN(0909*0.75-0.50)064(C)-SS2	QFN(0505*0.75-0.50)032-SD2	FCQFN(0404*0.85-0.40)028(B)
QFN(0909*0.75-0.50)064(C)-SD2	QFN(0505*0.75-0.50)032(I)	FCQFN(0404*0.85-0.40)028
QFN(0909*0.75-0.50)064(C)	QFN(0505*0.75-0.50)032(F)-SS3	FCQFN(0404*0.85-0.40)026(B)
QFN(0909*0.75-0.50)060	QFN(0505*0.75-0.50)032(E)-SS3	FCQFN(0404*0.85-0.40)026
QFN(0909*0.75-0.40)080-SS2	QFN(0505*0.75-0.50)032(D)-SD2	FCQFN(0404*0.85-0.40)023(A)
QFN(0909*0.75-0.40)080-SD2	QFN(0505*0.75-0.50)032(C)-SS2	FCQFN(0404*0.75-0.50)024
QFN(0909*0.75-0.40)080	QFN(0505*0.75-0.50)032(C)-SD2	FCQFN(0404*0.75-0.50)013(A)
QFN(0909*0.75-0.40)076-SD2	QFN(0505*0.75-0.50)032(C)	FCQFN(0404*0.75-0.40)032(B)
QFN(0909*0.75-0.40)076	QFN(0505*0.75-0.50)032	FCQFN(0404*0.75-0.40)032(A)
QFN(0908*0.90-0.65)029(A)-SS6	QFN(0505*0.75-0.50)028-SS3	FCQFN(0404*0.75-0.40)028(D)
QFN(0908*0.90-0.65)029(A)-SS4	QFN(0505*0.75-0.50)028-SS2	FCQFN(0404*0.75-0.40)028(C)
QFN(0808*0.90-0.65)029(A)-SS4	QFN(0505*0.75-0.50)028-SD2	FCQFN(0404*0.75-0.40)021(B)
QFN(0808*0.90-0.40)068-SIP	QFN(0505*0.75-0.50)028	FCQFN(0404*0.75-0.40)021(A)
QFN(0808*0.90-0.40)068(C)-SD2	QFN(0505*0.75-0.50)(G)032-SD2	FCQFN(0404*0.55-0.40)032(D)
QFN(0808*0.90-0.40)068	QFN(0505*0.75-0.40)-3D040	FCQFN(0404*0.55-0.40)032(C)
QFN(0808*0.90-0.40)064-SIP	QFN(0505*0.75-0.40)044(A)	FCQFN(0305*0.75-0.40)021(A)
QFN(0808*0.90-0.40)064-SD2	QFN(0505*0.75-0.40)040-SS3	FCQFN(0304*0.85-0.50)022(A)
QFN(0808*0.90-0.40)064(B)-SD2	QFN(0505*0.75-0.40)040-SS2	FCQFN(0304*0.85-0.50)022



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 23 of 36

QFN(0808*0.90-0.40)064	QFN(0505*0.75-0.40)040-SD2	FCQFN(0304*0.85-0.50)019(A)
QFN(0808*0.90-0.35)080(A)-SIP	QFN(0505*0.75-0.40)040(C)-SD2	FCQFN(0304*0.85-0.50)017
QFN(0808*0.85-0.50)056-SD2	QFN(0505*0.75-0.40)040(B)-SS2	FCQFN(0304*0.85-0.50)014(A)
QFN(0808*0.85-0.40)068-SD2	QFN(0505*0.75-0.40)040(B)-SIP	FCQFN(0304*0.85-0.50)013(A)
QFN(0808*0.85-0.40)068(C)-SD2	QFN(0505*0.75-0.40)040(B)-SD2	FCQFN(0304*0.85-0.45)017(A)
QFN(0808*0.85-0.40)068(C)	QFN(0505*0.75-0.40)040(B)	FCQFN(0304*0.85-0.40)026(A)
QFN(0808*0.85-0.40)068(B)-SD2	QFN(0505*0.75-0.40)040	FCQFN(0304*0.85-0.40)021(A)
QFN(0808*0.85-0.40)068(B)	QFN(0505*0.75-0.40)039(A)-SS3	FCQFN(0304*0.85-0.40)019(A)
QFN(0808*0.85-0.40)068	QFN(0505*0.75-0.40)032	FCQFN(0304*0.75-0.40)015(A)
QFN(0808*0.85-0.40)064	QFN(0505*0.75-0.35)044-SD2	FCQFN(0303*0.85-0.50)016(F)
QFN(0808*0.75-0.50)056(C)-SS2	QFN(0505*0.75-0.35)044	FCQFN(0303*0.85-0.50)016(D)
QFN(0808*0.75-0.50)056(C)	QFN(0505*0.55-0.50)032(H)	FCQFN(0303*0.85-0.50)016(C)
QFN(0808*0.75-0.50)056	QFN(0505*0.55-0.40)040-SS2	FCQFN(0303*0.85-0.50)016(B)
QFN(0808*0.75-0.40)072(A)-SS2	QFN(0505*0.55-0.40)040	FCQFN(0303*0.85-0.50)016
QFN(0808*0.75-0.40)068-SS2	QFN(0505*0.55-0.35)048-SS2	FCQFN(0303*0.85-0.50)014(A)
QFN(0808*0.75-0.40)068-SD2	QFN(0505*0.55-0.35)048-SD2	FCQFN(0303*0.85-0.45)016(D)
QFN(0808*0.75-0.40)068	QFN(0505*0.55-0.35)048(B)	FCQFN(0303*0.85-0.45)016(A)
QFN(0808*0.75-0.40)064-SS2	QFN(0505*0.55-0.35)048	FCQFN(0303*0.85-0.40)021(A)
QFN(0808*0.75-0.40)064-SIP	QFN(0504*0.75-0.50)028(A)	FCQFN(0303*0.85-0.40)019(A)
QFN(0808*0.75-0.40)064-SD2	QFN(0406*0.85-0.30)056(A)-SIP	FCQFN(0303*0.85-0.40)016(C)
QFN(0808*0.75-0.40)064(B)-SD2	QFN(0406*0.85-0.30)056(A)	FCQFN(0303*0.85-0.40)016(B)
QFN(0808*0.75-0.40)064(B)	QFN(0406*0.75-0.30)056(A)-SS2	FCQFN(0303*0.85-0.40)016
QFN(0808*0.75-0.40)064	QFN(0406*0.75-0.30)056(A)-SS2	FCQFN(0303*0.75-0.50)018(A)



Unless otherwise agreed in writing, 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 24 of 36

QFN(0707*0.90-0.50)048	QFN(0406*0.75-0.30)056(A)	FCQFN(0303*0.75-0.50)016(I)
QFN(0707*0.90-0.35)068	QFN(0406*0.55-0.30)056(B)	FCQFN(0303*0.75-0.50)016(H)
QFN(0707*0.9-0.50)048-SD2	QFN(0405*0.90-0.50)024(B)	FCQFN(0303*0.75-0.45)020(C)
QFN(0707*0.85-0.50)084(A)-SD3	QFN(0405*0.75-0.50)028	FCQFN(0303*0.75-0.45)020(B)
QFN(0707*0.85-0.50)084(A)-SD2	QFN(0405*0.75-0.50)024(A)	FCQFN(0303*0.75-0.45)020
QFN(0707*0.85-0.50)084(A)	QFN(0404*0.90-0.65)016(D)	FCQFN(0303*0.75-0.45)012(A)
QFN(0707*0.85-0.50)048-SS2	QFN(0404*0.90-0.50)024-SD2	FCQFN(0303*0.75-0.40)022(A)
QFN(0707*0.85-0.50)048-SIP	QFN(0404*0.90-0.50)024(D)-SS2	FCQFN(0303*0.75-0.40)021(B)
QFN(0707*0.85-0.50)048-SD2	QFN(0404*0.90-0.50)024(D)	FCQFN(0303*0.75-0.40)019(B)
QFN(0707*0.85-0.50)048	QFN(0404*0.90-0.50)020-SS2	FCQFN(0303*0.75-0.40)018(A)
QFN(0707*0.85-0.40)060(B)	QFN(0404*0.90-0.50)016-SS2	FCQFN(0303*0.55-0.40)020(A)
QFN(0707*0.85-0.40)056-SD2	QFN(0404*0.90-0.40)032(B)	FCQFN(0203*0.85-0.50)014(B)
QFN(0707*0.85-0.40)056(B)	QFN(0404*0.90-0.40)032	FCQFN(0203*0.85-0.50)014
QFN(0707*0.85-0.40)056	QFN(0404*0.85-0.65)016	FCQFN(0203*0.85-0.50)013
QFN(0707*0.85-0.35)068-SD2	QFN(0404*0.85-0.50)024-SD3	FCQFN(0203*0.85-0.50)012(C)
QFN(0707*0.85-0.35)068(B)-SIP	QFN(0404*0.85-0.50)024-SD2	FCQFN(0203*0.85-0.50)012(B)
QFN(0707*0.85-0.35)068	QFN(0404*0.85-0.50)024(F)	FCQFN(0203*0.85-0.50)012
QFN(0707*0.75-1.00)020(B)	QFN(0404*0.85-0.50)024(E)	FCQFN(0203*0.85-0.40)018(A)
QFN(0707*0.75-1.00)020	QFN(0404*0.85-0.50)024(D)	FCQFN(0203*0.85-0.40)016(A)
QFN(0707*0.75-0.50)048-SS3	QFN(0404*0.85-0.50)024(C)	FCQFN(0203*0.85-0.40)015(A)
QFN(0707*0.75-0.50)048-SS2	QFN(0404*0.85-0.50)024	FCQFN(0203*0.75-0.50)012(B)
QFN(0707*0.75-0.50)048-SIP	QFN(0404*0.85-0.40)032-SD2	FCQFN(0202*0.85-0.50)012(B)
QFN(0707*0.75-0.50)048-SD2	QFN(0404*0.85-0.40)032(C)	FCQFN(0202*0.85-0.50)012





## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 25 of 36

QFN(0707*0.75-0.50)048(H)-SS5	QFN(0404*0.85-0.40)032(B)-SIP	FCQFN(0202*0.85-0.50)011
QFN(0707*0.75-0.50)048(G)-SD2	QFN(0404*0.85-0.40)032(B)-SD2	FCQFN(0202*0.85-0.40)012(A)
QFN(0707*0.75-0.50)048(F)	QFN(0404*0.85-0.40)032(B)	FCQFN(0202*0.75-0.40)016
QFN(0707*0.75-0.50)048(D)-SIP	QFN(0404*0.85-0.40)032	FCDFN(2.01.5*0.85-0.50)008(A)
QFN(0707*0.75-0.50)048	QFN(0404*0.85-0.40)028(C)	FCDFN(1.30.8*0.40-0.45)006(A)
QFN(0707*0.75-0.40)060-SS3	QFN(0404*0.85-0.35)036(A)-SD2	FCDFN(1.10.7*0.50-0.40)006(A)
QFN(0707*0.75-0.40)060-SS2	QFN(0404*0.75-0.65)016-SS3	FCDFN(1.00.6*0.55-0.65)002(B)
QFN(0707*0.75-0.40)060-SD2	QFN(0404*0.75-0.65)016(C)	FCDFN(1.00.6*0.40-0.65)002(A)
QFN(0707*0.75-0.40)060(B)	QFN(0404*0.75-0.65)016(B)-SS2	FCDFN(0303*0.75-0.65)008
QFN(0707*0.75-0.40)060	QFN(0404*0.75-0.65)016(B)-SD2	FCDFN(0303*0.75-0.50)010
QFN(0707*0.75-0.40)056-SS2	QFN(0404*0.75-0.65)016(B)	FCDFN(0302*0.40-0.60)010(A)-SS2
QFN(0707*0.75-0.40)056-SIP	QFN(0404*0.75-0.65)016	FCDFN(0202*0.85-0.65)006
QFN(0707*0.75-0.40)056-SD2	QFN(0404*0.75-0.50)027(A)-SS5	FCDFN(0202*0.75-0.65)006
QFN(0707*0.75-0.40)056	QFN(0404*0.75-0.50)025(A)-SS5	FCDFN(0202*0.75-0.65)004(C)
QFN(0707*0.75-0.35)068-SS2	QFN(0404*0.75-0.50)024-SS2	FCDFN(0202*0.75-0.65)004(B)
QFN(0707*0.75-0.35)068-SD2	QFN(0404*0.75-0.50)024-SIP	FCDFN(0202*0.75-0.50)008(A)
QFN(0707*0.75-0.35)068	QFN(0404*0.75-0.50)024-SD2	FCDFN(0202*0.55-0.50)008(B)
QFN(0707*0.75-0.35)029	QFN(0404*0.75-0.50)024(I)	FCDFN(0201*0.55-0.80)005(A)
QFN(0707*0.55-0.35)068	QFN(0404*0.75-0.50)024(H)	DFN8L(0203*0.75-0.50)(E)-SS3
QFN(0707*0.50-0.40)056	QFN(0404*0.75-0.50)024(G)	DFN16L(0505*0.75-0.50)-SD2
QFN(0609*1.00-1.30)008(A)-SS3	QFN(0404*0.75-0.50)024(F)	DFN(6.57.0*0.85-1.60)006(A)-SS6
QFN(0606*0.90-0.40)048-SIP	QFN(0404*0.75-0.50)024(D)-SS2	DFN(6.57.0*0.85-1.60)006(A)-SS4
QFN(0606*0.90-0.40)048-SD3	QFN(0404*0.75-0.50)024(D)	DFN(5.51.5*0.50-0.50)018-SS8



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 26 of 36

QFN(0606*0.85-0.50)036-SD2	QFN(0404*0.75-0.50)024(C)	DFN(5.51.5*0.50-0.50)018-SS4
QFN(0606*0.85-0.50)036	QFN(0404*0.75-0.50)024(B)	DFN(5.51.5*0.50-0.50)018-SS3
QFN(0606*0.85-0.40)052-SIP	QFN(0404*0.75-0.50)024	DFN(5.51.5*0.50-0.50)018-SS2
QFN(0606*0.85-0.40)052-SD2	QFN(0404*0.75-0.50)023(A)-SS3	DFN(5.51.5*0.50-0.50)018(C)-SS8
QFN(0606*0.85-0.40)052	QFN(0404*0.75-0.50)020-SS4	DFN(5.51.5*0.50-0.50)018(B)-SS8
QFN(0606*0.85-0.40)048-SIP	QFN(0404*0.75-0.50)020-SS3	DFN(5.51.5*0.50-0.50)018
DFN(5.51.5*0.50-0.50)014-SS3	DFN(0203*0.75-0.50)006-SS3	
DFN(5.51.5*0.50-0.50)014-SS2	DFN(0203*0.75-0.50)006-SS2	
DFN(4.53.5*0.90-0.50)020	DFN(0203*0.75-0.50)006-SD2	
DFN(4.53.5*0.85-0.50)020	DFN(0203*0.75-0.50)006	
DFN(4.53.5*0.75-0.50)020-SS5	DFN(0203*0.55-0.50)008(H)	
DFN(4.53.5*0.75-0.50)020-SS2	DFN(0203*0.55-0.50)008(B)	
DFN(4.53.5*0.75-0.50)020-SD2	DFN(0203*0.55-0.50)008	
DFN(4.53.5*0.75-0.50)020	DFN(0203*0.50-0.50)008-SS2	
DFN(4.24.0*0.85-1.00)008	DFN(0203*0.50-0.50)008(C)	
DFN(4.24.0*0.55-1.00)008	DFN(0203*0.50-0.50)008(B)	
DFN(4.12.0*0.55-0.80)010	DFN(0203*0.50-0.50)008	
DFN(4.12.0*0.50-0.80)010-SS3	DFN(0203*0.45-0.50)008(B)	
DFN(4.12.0*0.50-0.80)010-SS2	DFN(0203*0.40-0.50)008(G)	
DFN(4.12.0*0.50-0.80)010	DFN(0202X0.85-1.30)003(A)	
DFN(3.81.0*0.50-0.80)009-SS4	DFN(0202X0.55-1.30)003(A)	
DFN(3.81.0*0.50-0.80)009-SS3	DFN(0202*0.90-0.50)008(B)	
DFN(3.81.0*0.50-0.80)009-SS2	DFN(0202*0.85-0.50)008(H)-SS2	



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 27 of 36

DFN(3.81.0*0.50-0.80)009	DFN(0202*0.85-0.50)008(H)
DFN(3.31.2*0.75-0.50)004(A)-SS3	DFN(0202*0.85-0.50)008(G)
DFN(3.31.0*0.50-0.40)010-SS3	DFN(0202*0.85-0.50)008(D)
DFN(3.31.0*0.50-0.40)010-SS2	DFN(0202*0.85-0.50)008(B)
DFN(3.31.0*0.50-0.40)010	DFN(0202*0.75-0.675)005(A)-SD2
DFN(3.01.5*0.50-0.45)012	DFN(0202*0.75-0.65)006-SS2
DFN(2.70.8*0.50-0.60)009(A)-SS2	DFN(0202*0.75-0.65)006(G)
DFN(2.601.35*0.50-0.50)010(A)-SS3	DFN(0202*0.75-0.65)006(F)
DFN(2.53.5*0.75-0.65)006-SD2	DFN(0202*0.75-0.65)006(E)-SS2
DFN(2.52.5*0.50-0.50)008	DFN(0202*0.75-0.65)006(E)-SIP
DFN(2.52.0*0.75-0.50)010	DFN(0202*0.75-0.65)006(E)
DFN(2.51.0*0.55-0.50)010(C)	DFN(0202*0.75-0.65)006(D)-SS2
DFN(2.51.0*0.55-0.50)010	DFN(0202*0.75-0.65)006(D)-SD2
DFN(2.51.0*0.50-0.50)010(E)	DFN(0202*0.75-0.65)006(D)
DFN(2.51.0*0.50-0.50)010(C)-SS2	DFN(0202*0.75-0.65)006
DFN(2.51.0*0.50-0.50)010(C)	DFN(0202*0.75-0.50)008(H)-SD2
DFN(2.51.0*0.50-0.50)010(B)-SS6	DFN(0202*0.75-0.50)008(H)
DFN(2.51.0*0.50-0.50)010(B)-SS4	DFN(0202*0.75-0.50)008(F)
DFN(2.51.0*0.50-0.50)010(B)-SS2	DFN(0202*0.75-0.50)008(D)-SD2
DFN(2.51.0*0.50-0.50)010(B)	DFN(0202*0.75-0.50)008(B)-SD2
DFN(2.51.0*0.50-0.50)010	DFN(0202*0.75-0.50)008(B)
DFN(2.41.5*0.50-0.40)012	DFN(0202*0.75-0.40)010(A)-SD2
DFN(2.11.8*0.55-0.40)010(A)	DFN(0202*0.75-0.40)010(A)



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)

DFN(2.001.25*0.50-1.30)002(A)	DFN(0202*0.55-1.35)002(A)
DFN(1.61.6*0.75-1.00)002(A)	DFN(0202*0.55-1.30)003(A)-SS2
DFN(1.61.6*0.75-0.50)006-SS3	DFN(0202*0.55-1.30)003(A)-SD2
DFN(1.61.6*0.75-0.50)006(C)	DFN(0202*0.55-1.30)003(A)
DFN(1.61.6*0.75-0.50)006(B)-SS2	DFN(0202*0.55-0.65)006(E)
DFN(1.61.6*0.75-0.50)006	DFN(0202*0.55-0.65)006(D)-SS2
DFN(1.61.6*0.55-0.40)006(A)	DFN(0202*0.55-0.65)006(D)
DFN(1.61.0*0.55-1.10)002	DFN(0202*0.55-0.65)006(C)
DFN(1.61.0*0.55-1.05)002(A)	DFN(0202*0.55-0.65)006(B)-SS2
DFN(1.61.0*0.55-0.50)006	DFN(0202*0.55-0.50)008(E)
DFN(1.61.0*0.50-1.10)002-SS4	DFN(0202*0.55-0.50)008(D)
DFN(1.61.0*0.50-1.10)002-SS3	DFN(0202*0.50-1.30)004
DFN(1.61.0*0.50-1.10)002-SS2	DFN(0202*0.50-1.20)002-SS2
DFN(1.61.0*0.50-1.10)002(B)	DFN(0202*0.50-1.20)002
DFN(1.61.0*0.50-1.10)002	DFN(0202*0.50-0.65)006(D)-SS2
DFN(1.61.0*0.50-0.50)006-SS2	DFN(0202*0.50-0.65)006(D)
DFN(1.61.0*0.50-0.50)006	DFN(0202*0.50-0.65)006(C)
DFN(1.601.90*0.55-0.35)008(A)	DFN(0202*0.50-0.65)006(B)-SS2
DFN(1.60.8*0.50-0.88)002(A)	DFN(0202*0.50-0.65)006
DFN(1.51.5*0.85-0.40)008(B)	DFN(0202*0.50-0.50)008(D)
DFN(1.51.5*0.50-0.40)008(A)	DFN(0202*0.50-0.50)008(C)
DFN(1.51.5*0.45-0.40)008(B)-SS3	DFN(0202*0.50-0.50)004
DFN(1.51.5*0.45-0.40)008(B)-SS2	DFN(0201*0.50-0.80)005(B)



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 29 of 36

DFN(1.51.5*0.45-0.40)008(B)	DFN(0201*0.50-0.80)005(A)
DFN(1.51.2*0.75-0.50)006(A)	DFN(0101*0.40-0.65)004(B)
DFN(1.51.0*0.75-0.50)006(B)	DFN(0101*0.40-0.65)004(A)
DFN(1.51.0*0.75-0.50)006	DFN(0.80.8*0.40-0.50)004(A)
DFN(1.51.0*0.55-0.50)006(A)	DFN(0.620.32*0.30-0.35)002-SS2
DFN(1.30.8*0.40-0.45)006	DFN(0.620.32*0.30-0.35)002(B)-SS2
DFN(1.30.8*0.40-0.45)005	DFN(0.620.32*0.30-0.35)002
DFN(1.21.2*0.40-0.40)006(A)	DFN(0.60.3*0.30-0.40)002(A)
DFN(1.20.5*0.30-0.80)004(A)	DFN(0.60.3*0.30-0.35)002-SS2
DFN(1.10.9*0.50-0.40)006	DFN(0.60.3*0.30-0.35)002
DFN(1.10.7*0.40-0.40)006(A)	AAQFN(1212*0.75-0.50)198
DFN(1.00.6*0.50-0.65)003-SS2	DFN(0202*0.75-0.40)010(B)-HBP
DFN(1.00.6*0.50-0.65)003	DFN(0202*0.75-0.65)006(H)-SS2
DFN(1.00.6*0.50-0.65)002-SS2	DFN(0203*0.45-0.50)008(H)
DFN(1.00.6*0.50-0.65)002(B)-SS2	DFN(0203*0.75-0.50)008-SS3
DFN(1.00.6*0.50-0.65)002(B)	DFN(0302*0.55-0.60)010(A)
DFN(1.00.6*0.50-0.65)002	DFN(0302*0.75-0.50)012(A)
DFN(1.00.6*0.40-0.65)002-SS2	DFN(0302*0.85-0.95)006
DFN(1.00.6*0.40-0.65)002(D)	DFN(0504*0.85-0.50)016(A)-SD2
DFN(1.00.6*0.40-0.65)002(C)-SS2	DFN(0506*0.85-1.27)008(B)-SS2
DFN(1.00.6*0.40-0.65)002(B)-SS2	DFN(1.52.0*0.55-0.50)006(A)
DFN(1.00.6*0.40-0.65)002	DFN(1.61.0*0.50-1.05)002(A)
DFN(1.00.5*0.30-0.75)004(A)	DFN(1.61.0*0.55-0.50)006-SS2



DFN(0808*0.75-2.00)004(A)	DFN(1.61.2*0.40-0.40)008(A)
DFN(0608*0.75-1.27)008(B)-SD2	DFN(2.52.0*0.75-0.50)010-SS3
DFN(0608*0.75-1.27)008(B)	DFN(2.52.5*0.75-0.50)010(A)
DFN(0608*0.75-1.27)008(A)-SD3	DFN(2.52.5*0.75-0.50)010(A)-SS2
DFN(0608*0.75-1.27)008(A)-SD2	FCDFN(0201*0.55-0.80)005(B)
DFN(0608*0.75-1.27)008(A)	FCDFN(1.61.6*0.55-0.50)006(A)
DFN(0602*0.75-0.65)012(A)	FCQFN(0202*0.55-0.45)012(A)
DFN(057.8*0.75-1.27)008	FCQFN(0203*0.85-0.50)012(D)
DFN(0506*0.85-1.27)008(D)	FCQFN(0203*0.85-0.50)014(C)
DFN(0506*0.75-1.27)008-SS2	FCQFN(0303*0.75-0.45)020(D)
DFN(0506*0.75-1.27)008(F)	FCQFN(0303*0.75-0.50)015(A)
DFN(0506*0.75-1.27)008(E)-SD2	FCQFN(0303*0.85-0.40)019(C)
DFN(0506*0.75-1.27)008(E)	FCQFN(0304*0.75-0.40)021(C)
DFN(0506*0.75-1.27)008(D)	FCQFN(0304*0.75-0.45)013(A)
DFN(0506*0.75-1.27)008(C)	FCQFN(0404*0.75-0.45)026(A)
DFN(0506*0.75-1.27)008(B)-SS3	FCQFN(2.02.5*0.55-0.45)012(B)
DFN(0506*0.75-1.27)008(B)	FCQFN(2.52.5*0.55-0.45)016(D)
DFN(0505*0.75-1.27)008	FCQFN(2.53.5*0.85-0.40)022(A)
DFN(0505*0.75-0.50)016-SS4	QFN(0202*0.55-0.40)016(A)
DFN(0505*0.75-0.50)016	QFN(0202*0.55-0.50)012(E)
DFN(0504*0.85-1.27)008(A)-SD2	QFN(0303*0.75-0.40)020(C)-SD2
DFN(0504*0.75-0.80)012-SS3	QFN(0303*0.75-0.50)016(F)
DFN(0504*0.75-0.80)012-SS2	QFN(0303*0.75-0.50)016-SD2



DFN(0504*0.75-0.75)014(A)	QFN(0303*0.85-0.50)016(E)
DFN(0504*0.75-0.50)014	QFN(0303*0.90-0.50)016
DFN(043.5*0.75-0.50)016-SS2	QFN(0304*0.85-0.40)024
DFN(043.5*0.75-0.50)016	QFN(0404*0.45-0.50)020(C)
DFN(0405*0.75-1.00)008(A)	QFN(0404*0.75-0.40)028-SS2
DFN(0404*0.85-0.80)008(A)	QFN(0404*0.75-0.40)032(G)
DFN(0404*0.75-1.00)008(B)-SS6	QFN(0404*0.75-0.50)020(D)
DFN(0404*0.75-1.00)008(B)-SS4	QFN(0404*0.75-0.50)024(E)
DFN(0404*0.75-0.65)008-SS2	QFN(0404*0.85-0.40)032(A)-SD3
DFN(0404*0.75-0.65)008(B)	QFN(0404*0.85-0.40)032(F)
DFN(0404*0.75-0.40)020(A)	QFN(0404*0.85-0.40)032-SD3
DFN(0404*0.55-0.80)008(A)	QFN(0404*0.85-0.50)024(H)
DFN(0404*0.50-0.80)008(A)-SS2	QFN(0404*0.90-0.40)032(B)-SD2
DFN(0404*0.50-0.80)008(A)	QFN(0404*0.90-0.50)020
DFN(0404*0.45-0.80)008(A)	QFN(0404*0.90-0.50)024(K)
DFN(0403*0.85-0.50)014(B)	QFN(0405*0.75-0.30)048(A)
DFN(0403*0.75-0.50)014-SS2	QFN(0406*0.75-0.30)056(A)-SIP
DFN(0403*0.75-0.50)014	QFN(0406*0.90-0.30)056(A)-SIP
DFN(0403*0.75-0.50)012(A)	QFN(0505*0.55-0.30)056(A)
DFN(0403*0.55-0.80)008(B)	QFN(0505*0.75-0.40)036(A)-SD2
DFN(0403*0.55-0.80)008	QFN(0505*0.75-0.40)040(D)
DFN(0403*0.45-0.80)008	QFN(0505*0.75-0.40)040(D)-SD2
DFN(0402*0.75-0.50)016	QFN(0505*0.75-0.50)029(A)-SS7



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 32 of 36

DFN(0304*0.75-0.65)008(B)	QFN(0505*0.75-0.50)032(G)-SD2
DFN(0304*0.75-0.65)008	QFN(0505*0.85-0.35)048
DFN(0303*1.00-1.00)006(A)-SS2	QFN(0505*0.85-0.35)048(D)-SD2
DFN(0303*0.90-0.50)010(A)	QFN(0505*0.85-0.35)048(D)-SIP
DFN(0303*0.85-0.50)010(D)	QFN(0505*0.85-0.35)048(D)-SS2
DFN(0303*0.85-0.45)012	QFN(0505*0.85-0.35)048-SS2
DFN(0303*0.75-2.415)002	QFN(0505*0.85-0.50)032(J)
DFN(0303*0.75-0.65)008-SS3	QFN(0505*0.85-0.50)032(J)-SD2
DFN(0303*0.75-0.65)008-SS2	QFN(0505*0.90-0.40)040-SD2
DFN(0303*0.75-0.65)008-SD2	QFN(0505*0.90-0.50)028(B)
DFN(0303*0.75-0.65)008(F)-SS2	QFN(0505*0.90-0.50)032(C)-SS3
DFN(0303*0.75-0.65)008(E)-SS2	QFN(0505*0.90-0.50)032(K)-SS3
DFN(0303*0.75-0.65)008(D)	QFN(0606*0.55-0.35)060(A)
DFN(0303*0.75-0.65)008(C)-SS2	QFN(0606*0.55-0.35)060(A)-SS2
DFN(0303*0.75-0.65)008(C)	QFN(0606*0.75-0.50)040(D)-SS4
DFN(0303*0.75-0.65)008	QFN(0606*0.75-0.50)040-SS4
DFN(0303*0.75-0.50)010-SS2	QFN(0606*0.85-0.35)060(A)
DFN(0303*0.75-0.50)010-SD2	QFN(0606*0.85-0.40)048(G)
DFN(0303*0.75-0.50)010(D)	QFN(0606*0.85-0.50)034(A)-SS8
DFN(0303*0.75-0.50)010(B)	QFN(0606*0.85-0.65)028(A)
DFN(0303*0.75-0.50)010(A)	QFN(0606*0.90-0.40)048
DFN(0303*0.75-0.50)010	QFN(0606*0.90-0.70)028(A)-SS4
DFN(0303*0.75-0.45)012-SS2	QFN(0606*0.90-0.70)028(A)-SS6





## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 33 of 36

DFN(0303*0.75-0.45)012-SIP	QFN(0609*1.00-1.30)008(A)-SS7
DFN(0303*0.75-0.45)012(C)-SS4	QFN(0707*0.75-0.50)048(I)
DFN(0303*0.75-0.45)012(C)-SS3	QFN(0707*0.85-0.35)068(B)-SS2
DFN(0303*0.75-0.45)012(C)-SS2	QFN(0707*0.85-0.35)068-SIP
DFN(0303*0.75-0.45)012(C)-SIP	QFN(0707*0.85-0.35)068-SS2
DFN(0303*0.75-0.45)012	QFN(0808*0.75-0.40)068(D)
DFN(0303*0.55-0.50)010(E)	QFN(0808*0.75-0.40)068(D)-SD2
DFN(0303*0.50-0.50)010(C)	QFN(0808*0.85-0.50)056(D)
DFN(0303*0.50-0.45)012	QFN(0808*0.90-0.35)080(A)-SS2
DFN(0302*0.75-0.65)008-SS2	QFN(0808*0.90-0.35)080(B)-SD2
DFN(0302*0.75-0.65)008(D)-SS2	QFN(0808*0.90-0.40)064(B)
DFN(0302*0.75-0.65)008(C)-SS2	QFN(0808*0.90-0.40)064(B)-SIP
DFN(0302*0.75-0.65)008	QFN(0808*0.90-0.40)064-SD3
DFN(0302*0.75-0.40)014-SS2	QFN(0808*0.90-0.65)029(A)-SS3
DFN(0302*0.75-0.40)014(C)	QFN(0909*0.75-0.40)076-SS2
DFN(0302*0.75-0.40)014(B)	QFN(0909*0.90-0.35)088(B)-SD3
DFN(0302*0.75-0.40)014	QFN(0909*0.90-0.40)076-SD2
DFN(0302*0.55-0.60)010(A)-SS4	QFN(0909*0.90-0.40)080-SS2
DFN(0302*0.55-0.60)010(A)-SS3	QFN(1010*0.85-0.35)096(B)-SD2
DFN(0302*0.50-0.95)006-SS7	QFN(1010*0.85-0.35)096(B)-SIP
DFN(0302*0.50-0.95)006-SS5	QFN(1010*0.85-0.40)088(B)-SIP
DFN(0204*0.75-0.50)006(A)-SS3	QFN(1010*0.90-0.40)088-SD3
DFN(0203*0.85-0.50)008(F)	QFN(1010*0.90-0.40)088-SIP



## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

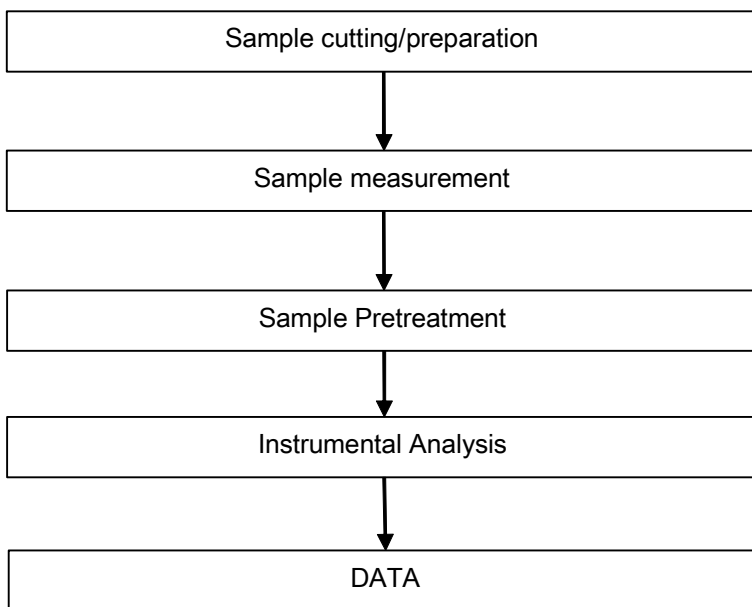
Page 34 of 36

DFN(0203*0.75-0.65)006-SS3	QFN(1212*0.85-0.35)124(A)
DFN(0203*0.75-0.65)006-SS2	QFN(2.52.5*0.40-0.50)016(B)-SS2
DFN(0203*0.75-0.65)006-SD2	QFN(2.52.5*0.40-0.50)016(D)-SS2
DFN(0203*0.75-0.65)006	QFN(2.52.5*0.55-0.4)020(A)
DFN(0203*0.75-0.50)008-SS2	QFN(2.52.5X0.40-0.50)016(B)-SS2
DFN(0203*0.75-0.50)008-SD2	QFN(3.02.5*0.75-0.40)022(A)-SD3
DFN(0203*0.75-0.50)008(E)-SS3	QFN(3.53.5*0.85-0.50)014(A)
DFN(0203*0.75-0.50)008(D)	QFN(5.85.0*0.75-0.35)048(A)-SS5
DFN(0203*0.75-0.50)008(C)	QFN(5.85.0*0.75-0.35)048(A)-SS6
DFN(0203*0.75-0.50)008(B)	
DFN(0203*0.75-0.50)008	



## ATTACHMENTS

### SVHC Testing Flow Chart



Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



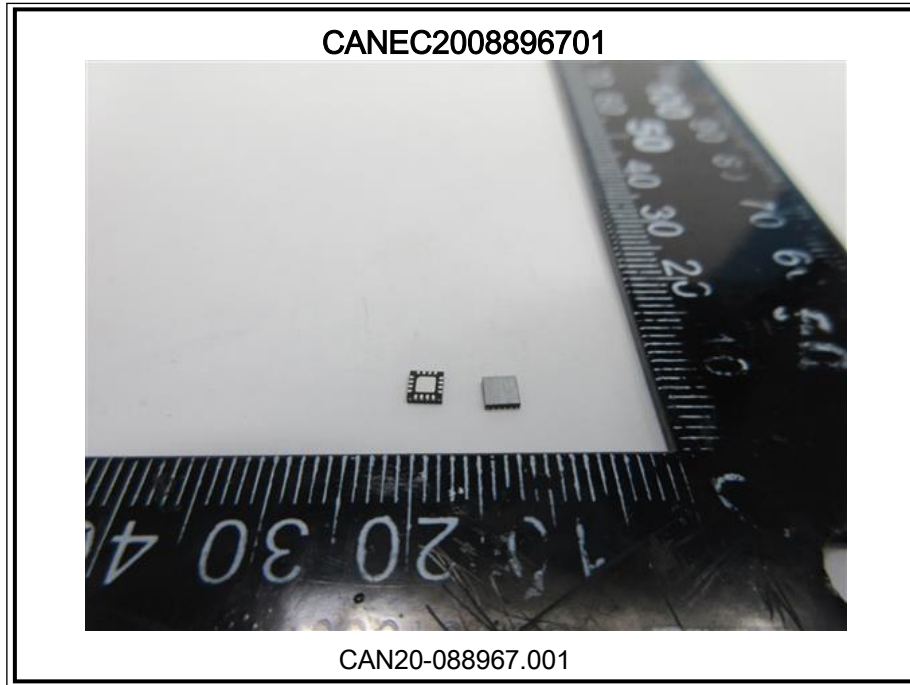
## Test Report (SVHC)

No. CANEC2008896701

Date: 12 Jun 2020

Page 36 of 36

Sample photo:



SGS authenticate the photo on original report only

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

Unless otherwise agreed in writing, 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-Documents.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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)